

20030807.qrp v03_n005.qrl.20030807

Date: Thu, 7 Aug 2003 19:03:15 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3005

QRP-L Digest 3005

Topics covered in this issue include:

- 1) [155591] RE: Results NEQRP SSB NET
by "Dave Richards" <wr3i@earthlink.net>
- 2) [155592] Re: BPL threat (was: Re: VEC Petition)
by "Charles W3KC" <w3kc@starpower.net>
- 3) [155593] Band Conditions
by Karl Larsen <k5di@msn.com>
- 4) [155594] OT Discriminator out
by "Larry - WA2DGD" <wa2dgd@comcast.net>
- 5) [155595] When?
by Bob W7AVK <rsrolfne@atnet.net>
- 6) [155596] ATC Tower Info [OT]
by Bob W7AVK <rsrolfne@atnet.net>
- 7) [155597] RE: OT Discriminator out
by "Lyle Johnson" <wa7gxd@fidalgo.net>
- 8) [155598] Re: When?
by Paul Maciel <ak1p@earthlink.net>
- 9) [155599] Another Austin Summerfest is history, and Monty has pictures!
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 10) [155600] Dipole End Heights
by Jeremy Cowgar <jc@cowgar.com>
- 11) [155601] BPL from underground power lines
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 12) [155602] Re: Dipole End Heights
by "w8diz" <w8diz@cinci.rr.com>
- 13) [155603] RE: Dipole End Heights
by "Dave Richards" <wr3i@earthlink.net>
- 14) [155604] Re: Morse on 11 meters
by Garie Halstead K8KFJ <khyberpass65@yahoo.com>
- 15) [155605] BLT
by Richard Lim <richlim11@yahoo.com>
- 16) [155606] OT: Further word from qwest
by Kenneth Hoglund <hoglund@wfu.edu>
- 17) [155607] Ooops-- AQRp web site map to new meeting location in Austin TX
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 18) [155608] RE: Crystal radio project
by Richard Clem <clem.law@usa.net>
- 19) [155609] Re: Stock Market and Band Conditions

- by Brad Thompson <Brad.Thompson@VALLEY.NET>
- 20) [155610] Re: Crystal radio project
by Brian Short <bshort4@cox.net>
- 21) [155611] NEQRP CW Net, Thursday, 7 Aug 03, 08:30 PM EDT, 3.566 MHz
by Chuck Ludinsky <cjl@mitre.org>
- 22) [155612] Re: Kids First Rig
by Curt Milton <wb8yyy@yahoo.com>
- 23) [155613] Major New Holiday!
by Kenneth Hoglund <hoglund@wfu.edu>
- 24) [155614] Re: BPL from underground power lines
by "tmyers" <tmyers@academicplanet.com>
- 25) [155615] Why 11 metre Morse
by "Robert K. Henderson" <rkh@sympatico.ca>
- 26) [155616] Re: Kids First Rig
by KD5NWA <KD5NWA@cbayona.com>
- 27) [155617] Dear FCC Commissioners re: Broadband over power lines
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 28) [155618] Speaking against BPL, plus obQRP
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 29) [155619] Morse on CB, historical example
by "Robert K. Henderson" <rkh@sympatico.ca>
- 30) [155620] Re: OT Discriminator out
by Bob Liesenfeld <wb0poq@visi.com>
- 31) [155621] Re: BPL from underground power lines
by William R Colbert <w5xe@juno.com>
- 32) [155622] Re: BPL threat (was: Re: VEC Petition)
by Richard Lim <richlim11@yahoo.com>
- 33) [155623] Re: Code practice
by "Tom Crawford" <TMCsail@sbcglobal.net>
- 34) [155624] Re: LINUX Replies
by Bud Rogers <budr@netride.net>
- 35) [155625] Re: Kids First Rig
by grizzarv@mindspring.com
- 36) [155626] Re: [Elecraft] Dummy Load
by Jim Campbell <jim-c@charter.net>
- 37) [155627] on this BPL thing
by hamjoel@juno.com
- 38) [155628] Items for sale
by K7VO <k7vo@earthlink.net>
- 39) [155629] Re: BPL from underground power lines
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 40) [155630] RE: OT Discriminator out
by "Lyle Johnson" <wa7gxd@fidalgo.net>
- 41) [155631] Re: Speaking against BPL, plus obQRP
by William R Colbert <w5xe@juno.com>
- 42) [155632] [w7px1] BPL/PLC How bad can it be? (fwd)
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 43) [155633] Re: BPL in VA

by Tim Groat <tcgroat@earthlink.net>
44) [155634] Re: Morse on CB, historical example
by "Mike Yetsko" <myetsko@insydesw.com>
45) [155635] Re: BPL from underground power lines
by Tom Severt <n2uhc@yahoo.com>
46) [155636] SuSE 8.2 pro cd's (2 sets available)
by Arthur Tan <ab4rl@lomag.net>
47) [155637] Re: OT: Antivirus Software
by "Jerry Ford" <benlightnd13@mchsi.com>
48) [155638] Mysterious Time Signal?
by Steve Yates <aa5tb@arrl.net>
49) [155639] Kids First Rig and . . .
by John R Kirby <n3aaz-qrp@juno.com>
50) [155640] Iowa QRP CW Net
by mark.milburn@juno.com
51) [155641] Re: Mysterious Time Signal?
by "Oleg V. Borodin" <master72@lipetsk.ru>
52) [155642] Results August Spartan Sprint
by "John Huffman" <hjohnc@core.com>
53) [155643] Re: Why 11 metre Morse
by Philip L Carter <pcarter@gcfn.org>
54) [155644] Re: on this BPL thing
by bob evinger <wd9eka@evinger.com>
55) [155645] Re: OT Discriminator out
by Alex <kr1st@amsat.org>
56) [155646] Re: OT: Antivirus Software
by M Taylor <mctylr@privacy.nb.ca>
57) [155647] Recent band conditions
by "Rod N0RC" <rod@n0rc.us>
58) [155648] Could this be the end? (was; BPL in VA)
by "Dean-NR2V/4" <nr2v@northnet.org>
59) [155649] re: BPL Threat
by Michael Babineau <michael.babineau@sympatico.ca>
60) [155650] Re: Why 11 metre Morse
by "Mike Yetsko" <myetsko@insydesw.com>
61) [155651] Re: OT: Antivirus Software
by "Mike Yetsko" <myetsko@insydesw.com>
62) [155652] Re: Could this be the end? (was; BPL in VA)
by Alex <kr1st@amsat.org>
63) [155653] Re: Why 11 metre Morse
by w9ya <w9ya@arrl.net>
64) [155654] Re: Why 11 metre Morse
by Philip L Carter <pcarter@gcfn.org>
65) [155655] Re: Could this be the end? (BPL)
by Alex <kr1st@amsat.org>
66) [155656] re: BPL Threat
by William R Colbert <w5xe@juno.com>
67) [155657] Re: Could this be the end? (was; BPL in VA)

by K7VO <k7vo@earthlink.net>
68) [155658] Re: OT: Antivirus Software
by "Garey Barrell" <k4oah@mindspring.com>
69) [155659] RE: BPL Threat
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
70) [155660] RE: BPL in VA
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
71) [155661] RE: Speaking against BPL, plus obQRP
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
72) [155662] Re: Why 11 metre Morse
by "Mike Yetsko" <myetsko@insydesw.com>
73) [155663] RE: Speaking against BPL, plus obQRP
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
74) [155664] Re: Why 11 metre Morse
by K7VO <k7vo@earthlink.net>
75) [155665] Matching 1/2 wave verticals with ladder line
by Jeff <fantbb@yahoo.com>
76) [155666] Re: Why 11 metre Morse
by "Charles Mabbott" <aa8vs@msn.com>
77) [155667] Items sold, still available
by K7VO <k7vo@earthlink.net>
78) [155668] Re: Morse on 11 meters - another take
by "Charles Mabbott" <aa8vs@msn.com>
79) [155669] re: BPL Threat
by Thom LaCosta <baltimoremd@baltimoremd.com>
80) [155670] Re: Why 11 metre Morse
by Dale Botkin <dale@botkin.org>
81) [155671] Re: Could this be the end? (BPL)
by K7VO <k7vo@earthlink.net>
82) [155672] Re: BPL Threat
by K7VO <k7vo@earthlink.net>
83) [155673] Re: Recent band conditions
by "Rod N0RC" <rod@n0rc.us>
84) [155674] SuSE 8.2 pro cd's (gone)
by Arthur Tan <ab4rl@lomag.net>
85) [155675] New BLT Kit Preliminary Review
by James Stamper <jstamper@shentel.net>
86) [155676] Re: Could this be the end? (was; BPL in VA)
by "Michael Melland, W9WIS" <w9wis@charter.net>
87) [155677] Metric Rules [Manhattan pads]
by Chuck Adams <k7qo@commspeed.net>
88) [155678] BPL: What we can do [long]
by Kenneth Hoglund <hoglund@wfu.edu>
89) [155679] Re: Could this be the end? (BPL)
by Alex <kr1st@amsat.org>
90) [155680] Re: Could this be the end? (BPL)
by KD5NWA <KD5NWA@cbayona.com>
91) [155681] Re: Could this be the end? (BPL)

by "Dave Sjolín" <sjolin@swbell.net>
92) [155682] RE: New BLT Kit Preliminary Review
by "Boulineau, Lee" <lee.boulineau@attws.com>
93) [155683] Re: Matching 1/2 wave verticals with ladder line correction
by Jeff <fantbb@yahoo.com>
94) [155684] NTIA Administrator Lauds FCC for "Broadband Over Power Line" Inquiry
by Adam Farson <farson@shaw.ca>
95) [155685] Re: Could this be the end? (BPL)
by Mike Cummings <mook@annihilator.net>
96) [155686] Radio Shack analog panel meters
by Chuck Adams <k7qo@commspeed.net>
97) [155687] Re: Why 11 metre Morse
by K7V0 <k7vo@earthlink.net>
98) [155688] Re: BPL Threat
by Alex <kr1st@amsat.org>
99) [155689] RE: Could this be the end? (BPL)
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
100) [155690] Re: Why 11 metre Morse
by Bruce Muscolino <w6toy@erols.com>
101) [155691] Re: Could this be the end? (BPL)
by K7V0 <k7vo@earthlink.net>
102) [155692] re. BPL threat
by Peter Burbank <peterlee@qx.net>
103) [155693] PayPal questions
by "Oleg V. Borodin" <master72@lipetsk.ru>
104) [155694] RE: Could this be the end? (BPL)
by "Lyle Johnson" <wa7gxd@fidalgo.net>
105) [155695] Re: Dipole End Heights
by "Walter D. Amos" <waltk8cvamosqrp@gbronline.com>
106) [155696] Re: Could this be the end? (BPL)
by Mike Cummings <mook@annihilator.net>
107) [155697] Re: PayPal questions
by Paul <mooney@cytanet.com.cy>
108) [155698] Re: [Elecrafft] Recent band conditions
by "Stuart Rohre" <rohre@arlut.utexas.edu>
109) [155699] Re: Could this be the end? (BPL)
by w9ya <w9ya@arrl.net>
110) [155700] Re: BLT Manual online now
by "George Heron N2APB" <n2apb@erols.com>
111) [155701] RE: Could this be the end? (BPL)
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
112) [155702] Re: Could this be the end? (BPL)
by Steve.Lawrence@ITWFEG.COM
113) [155703] Re: Could this be the end? (BPL)
by K7V0 <k7vo@earthlink.net>
114) [155704] Re: Why 11 metre Morse
by K7V0 <k7vo@earthlink.net>
115) [155705] RE: [155383] More wine, anyone? [Long]

by Jeff Furman <jfurman@ocs.net>
116) [155706] American Public Power Association
by John_k7fd <john_k7fd@cablespeed.com>
117) [155707] Re: Could this be the end? (BPL)
by Mike Cummings <mook@annihilator.net>
118) [155708] RE: (BPL) continued...
by Ed Tanton <n4xy@earthlink.net>
119) [155709] Suggestions for Cub Scout Camp Demonstration
by "Andy Palm" <acpalm@concentric.net>
120) [155710] RE: American Public Power Association
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
121) [155711] RE: Could this be the end? (BPL)
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
122) [155712] Re: Sniffer kits almost gone - longish
by "Joe Everhart" <n2cx@voicenet.com>

Date: Wed, 6 Aug 2003 18:02:32 -0400
From: "Dave Richards" <wr3i@earthlink.net>
To: <n1zsw@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155591] RE: Results NEQRP SSB NET
Message-ID: <DLEKKKNPICJAJBKDDOAPKEGGCHAA.wr3i@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ron,
just for my info what the exchange and procedure for a cw net? I have never
ventured to a cw net and little pre education might help get more
participants. I for one would be more confident knowing how it works
thanks
Dave W1QB

-----Original Message-----
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Ron Pfeiffer
Sent: Wednesday, August 06, 2003 9:57 AM
To: Low Power Amateur Radio Discussion
Subject: Results NEQRP SSB NET

Well there was noise and QRM but we had six checkins.

K1CL Chuck MA
KC1FB Jim CT

KE1LA Joel ME
KT1VT Frank VT
K1RMS Jim MA

and relay from K1CL- AB8DF Ed MI

Thanks to all who checked in it was great to get the mikes dusted off and talk on the air. Thanks to Chuck (K1CL) for relay and co-net control.

See you again next week.

Ron -

Protect your PC - get McAfee.com VirusScan Online
<http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>

Date: Wed, 6 Aug 2003 18:27:44 -0400
From: "Charles W3KC" <w3kc@starpower.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155592] Re: BPL threat (was: Re: VEC Petition)
Message-ID: <001101c35c6a\$05ce49c0\$a3032c42@w3kc>

Barry Goldwater and Curt LeMay are sorely missed.
72 de Chas W3KC

----- Original Message -----

From: Mike Cummings
> Does the FCC really listen to ARRL? And aren't there other users of HF
> chiming in on this? I can't believe we hams are the only ones concerned
> about this issue.

Date: Wed, 6 Aug 2003 16:32:19 -0600 (MDT)
From: Karl Larsen <k5di@msn.com>
To: qrp-l@lehigh.edu
Subject: [155593] Band Conditions
Message-ID: <Pine.LNX.4.44.0308061627410.3326-1000000@bucket.dog>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The A index is 46 and it has ruined 40 meters. I have a net at 4 pm MDT and I could hear voices off and on I recalled but they were of low amplitude and fading in and out.

Both the band and the stock market are suffering in the summer heat.

Check 17 meters. It might be open to something.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Wed, 6 Aug 2003 18:32:17 -0400
From: "Larry - WA2DGD" <wa2dgd@comcast.net>
To: "Low Power Amateur Radio Discussion" <QRP-L@lehigh.edu>
Subject: [155594] OT Discriminator out
Message-ID: <005101c35c6a\$98269520\$6501a8c0@hamroom>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

I know this is OT but I also know this is where I will get an answer. Sorry if this message appears more than once but I sent it about 5 hrs ago and again 3 hrs ago, hopefully it makes it this time.

I saw a scanner that has a "discriminator output" that puts out a baseband signal useful for decoding digital and sub audible signals with a computer.

How is this different or "better" than using the audio output?

73
Larry
WA2DGD
K2 #1672
ARCI QRP #11215
NJ-QRP# 395

Date: Wed, 06 Aug 2003 16:01:29 -0700
From: Bob W7AVK <rsrolfne@atnet.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155595] When?
Message-ID: <3F3188C9.87CE7522@atnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Group - In the late fall there is a ham fest in the east bay area of CA that has had a very nice QRP area of interest.

Might some one send the dates of it this year. Maybe if I get started now, I can make it. <grin>

Thanks.

73 Bob W7AVK

Date: Wed, 06 Aug 2003 16:15:43 -0700
From: Bob W7AVK <rsrolfne@atnet.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155596] ATC Tower Info [OT]
Message-ID: <3F318C1F.F472C4A5@atnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry for the OT.

Some time back I seem to remember discussion from a group in the mid west that had purchased one of the American Tower Company surplus microwave sites.

Please email me off-line as I have a couple questions.

Thanks,

73 Bob W7AVK

Date: Wed, 6 Aug 2003 16:27:42 -0700
From: "Lyle Johnson" <wa7gxd@fidalgo.net>
To: <wa2dgd@comcast.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155597] RE: OT Discriminator out
Message-ID: <NEBBKGGNGLGOHDJKFAPHKEBHEMAA.wa7gxd@fidalgo.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Larry,

> I saw a scanner that has a "discriminator output" that puts out a baseband
> signal useful for decoding digital and sub audible signals with a
> computer.
>
> How is this different or "better" than using the audio output?

The discriminator output is not filtered in the audio range. Thus, subaudible tones will be available, and if you want to decode 9600 bps packet, for example, or digital coded squelch, or trunking signals/commands, you can.

For regular audio monitoring, use the regular audio output from the receiver.

73,

Lyle KK7P

Date: Wed, 06 Aug 2003 16:32:12 -0700
From: Paul Maciel <ak1p@earthlink.net>
To: rsrolfne@atnet.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [155598] Re: When?
Message-ID: <3F318FFC.1010100@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hi Bob,

Pacificon - October 17, 18 and 19 in San Ramon.

Check out <<http://www.pacificon.org>>

Doug KI6DS and Jim WA6GER - NorCal QRP Club / American QRP Club will be putting on the QRP sessions.

See you there!

---Paul AK1P

Bob W7AVK wrote:

> Group - In the late fall there is a ham fest in the east bay area of CA
> that has had a very nice QRP area of interest.

>

> Might some one send the dates of it this year. Maybe if I get started
> now, I can make it. <grin>

>

> Thanks.

>

> 73 Bob W7AVK

>

>

Date: Wed, 6 Aug 2003 18:30:27 -0500

From: "Stuart Rohre" <rohre@arlut.utexas.edu>

To: <qrp-1@Lehigh.EDU>

Subject: [155599] Another Austin Summerfest is history, and Monty has pictures!

Message-ID: <038901c35c72\$b7a44890\$4e100a0a@rohredt2000>

A great web page posting about our Austin TX QRP forum is on the Monty Northrup web page. I was going to write a report, but Monty covered it all. We were glad to honor Monty with the first AQRQ award cup, for all his projects and encouragement to our group. Many thanks to Glen Reid, K5FX for his tireless efforts with the door prizes.

Glen was surprised with a handy pocket tool. At first he thought he had a pocket knife, but it is a light as well. Our guest speakers got tools as well, as every QRPer never has enough books or tools, right?

To see what you missed, and to help you remember to plan for first weekend of Aug., 2004, go here:

Check out the pix at:

<http://www.io.com/~n5fc/hamfests.html>

Thanks to all who came,
72, Stuart , K5KVH

Date: Wed, 06 Aug 2003 19:43:53 -0400
From: Jeremy Cowgar <jc@cowgar.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155600] Dipole End Heights
Message-ID: <3F3192B9.80900009@cowgar.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Greetings.

I am installing a 30m dipole and I have limited support anchors. I have my chimney for the center (29'). On one side a telephone pole that holds a large flood lamp for night time (yuk) at (32') and the other end, unfortunately, a pine tree, but the tip is guestimated at 60'. I figure I will put a pulley in the tree and counter weight it (wind really blows them around) but should I keep the dipole at the same height, or raise one end up as high as I can?

Oh, the dipole end will be about 15' from the nearest branch, from there it will be rope into the tree.

Thanks,

Jeremy
KB8LFA

Date: Wed, 6 Aug 2003 18:57:32 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <radioham@comcast.net>, <qrp-1@Lehigh.EDU>
Subject: [155601] BPL from underground power lines
Message-ID: <03de01c35c76\$803a3320\$4e100a0a@rohredt2000>

Steve and the group. Power lines underground in my area are not shielded or twisted well. BPL will be every bit as bad, even worse as it will be closer

to your antenna in some cases than overhead power lines would be on 50 foot poles across a street for example. Listen to the samples Ed Hare has put up on www.arrl.org web site. It is a bone crushing form of interference. You should go mobile in the areas where it is being tested and listen. Also, transmit some 'rag chews' and see if it disrupts the BPL. As little as 25 watts of RF is said to get into the BPL from other RF sources.

You will probably pick it up easily across town if you have a beam pointed in the direction of power lines equipped with BPL.

72,
Stuart
K5KVH

Date: Wed, 6 Aug 2003 20:01:49 -0400
From: "w8diz" <w8diz@cinci.rr.com>
To: <qrp-1@Lehigh.EDU>
Subject: [155602] Re: Dipole End Heights
Message-ID: <007201c35c77\$1bbf2080\$6501a8c0@test>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jeremy...

make the dipole as straight (linear) as you can for best efficiency
any angle is fine, just keep all the wires in-line.
Once you start bending both antenna wires toward each other,
you will start to "lose radiating power"

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

----- Original Message -----

From: "Jeremy Cowgar" <jc@cowgar.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, August 06, 2003 7:43 PM
Subject: Dipole End Heights

Greetings.

I am installing a 30m dipole and I have limited support anchors. I have my chimney for the center (29'). On one side a telephone pole that holds a large flood lamp for night time (yuk) at (32') and the other end, unfortunately, a pine tree, but the tip is guesstimated at 60'. I figure I will put a pulley in the tree and counter weight it (wind really blows them around) but should I keep the dipole at the same height, or raise one end up as high as I can?

Oh, the dipole end will be about 15' from the nearest branch, from there it will be rope into the tree.

Thanks,

Jeremy
KB8LFA

Date: Wed, 6 Aug 2003 20:02:47 -0400
From: "Dave Richards" <wr3i@earthlink.net>
To: <jc@cowgar.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155603] RE: Dipole End Heights
Message-ID: <DLEKKKNPICJAJBKDDOAPAEGJCHAA.wr3i@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

just raise each support as high as you can!
Dave
W1QB

-----Original Message-----
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Jeremy Cowgar
Sent: Wednesday, August 06, 2003 6:44 PM
To: Low Power Amateur Radio Discussion
Subject: Dipole End Heights

Greetings.

I am installing a 30m dipole and I have limited support anchors. I have my chimney for the center (29'). On one side a telephone pole that holds

a large flood lamp for night time (yuk) at (32') and the other end, unfortunately, a pine tree, but the tip is guestimated at 60'. I figure I will put a pulley in the tree and counter weight it (wind really blows them around) but should I keep the dipole at the same height, or raise one end up as high as I can?

Oh, the dipole end will be about 15' from the nearest branch, from there it will be rope into the tree.

Thanks,

Jeremy
KB8LFA

Date: Wed, 6 Aug 2003 17:03:17 -0700 (PDT)
From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>
To: Low Power radio discussion <qrp-l@Lehigh.EDU>
Subject: [155604] Re: Morse on 11 meters
Message-ID: <20030807000317.34657.qmail@web80503.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Charles Mabbott <aa8vs@msn.com> wrote:

> The only reason I see is you need to have passed the code for 30, 40,
> or 80
> to get on and practice. Did I miss something, I thought it was folks
>
> practicing in order to pass the code test???? Or just wanting to
> play at
> code and not have to worry about the test part.
>
> 73 Chuck AA8VS

Perhaps you're correct Chuck. I may have missed some earlier posts on this thread failing to realize that he didn't already have his 5 wpm.

I thought he had indicated that he might be embarrassed (or something to that effect) at his slower code speed and needed the practice in order to bring it up to snuff. My mistake. Back in my hole. HI

72, Gary -K8KFJ-

Do you Yahoo!?

Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Wed, 06 Aug 2003 19:23:39 -0500
From: Richard Lim <richlim11@yahoo.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [155605] BLT
Message-ID: <BB57063B.4B43%richlim11@yahoo.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Can someone send me via email the manual for the NEW BLT? I run a Mac and my computer cannot recognize the disk which accompanies the kit. Thanks.

Rich
KQ9L

Date: Wed, 06 Aug 2003 20:31:12 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [155606] OT: Further word from qwest
Message-ID: <3F319DD0.865983D2@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang--

Just to set the record straight, got a follow-up nice note from qwest. They actually suggested that I go ahead and block qwest.com mailings since the domain has no accounts on it!

Also the following explanation:

"As far as the forgeries of uswest.com, I also send complaints off to where they are coming from when it is appropriate to do so without putting our domains at further risk. I received quite a few complaints about the spam you sent in and

they were originated / relayed through almost as many places as I had complaints for. It is very frustrating to see this happen and very hard to stop.

Thanks,
Teresa Cole"

So they were not trying to shift all the responsibility to the recipient--it just sounded that way.

73,

Ken KG4FGC

Date: Wed, 6 Aug 2003 19:37:28 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [155607] Ooops-- AQRp web site map to new meeting location in Austin TX
Message-ID: <041901c35c7c\$146f89a0\$4e100a0a@rohredt2000>

Somehow the URL did not copy into last message about meeting place moving:

<http://www.qsl.net/kq5rp/aqrpmtg.html>
-K5KVH

Date: Wed, 06 Aug 2003 20:00:22 -0500
From: Richard Clem <clem.law@usa.net>
To: <qrp-1@Lehigh.EDU>
Subject: [155608] RE: Crystal radio project
Message-ID: <050HHgBaw4128S08.1060218022@uwdvg008.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

N0XAS wrote:

He also tells me of making resistors by using pencil lead on paper... and=

the spark transmitter he built, which was quickly detected by his mother (and probably every other radio listener within miles - Grandpa had a garage, so Dad was using ignition coils!)

And I missed all of that. 'Course I missed the Depression too, so it evens out I guess.

This reminded me about a web page I had seen:
http://www.vcomp.co.uk/one_tube_1935/one_tube_1935.htm

about making a one-tube regenerative receiver with all homemade parts (other than the tube, battery, and headphones). =

One of these days, I'm going to get around to making one of these. I'm wondering whether anyone has built one of these (or possibly the matching transmitter).

73,
Rick W0IS

Date: Wed, 06 Aug 2003 20:17:09 -0400
From: Brad Thompson <Brad.Thompson@VALLEY.NET>
To: k5di@msn.com,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155609] Re: Stock Market and Band Conditions
Message-ID: <5.0.2.1.2.20030806201335.01baa230@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello--

Just wondering... has anyone ever plotted the sunspot index versus the Dow-Jones average?<g>

Somewhere in my record collection, I have a bluegrass album by the "Spark Gap Wonder Boys" on which there's a selection entitled, "Cluck Old Hen (Cluck 610), The Dow-Jones

Average Is Down Again". IIRC, nothing in the performers' biographies hints at radio backgrounds.

73--

Brad AA1IP

At 04:32 PM 08/06/2003 -0600, Karl Larsen wrote:

> The A index is 46 and it has ruined 40 meters. I have a net at 4
>pm MDT and I could hear voices off and on I recalled but they were of
>low amplitude and fading in and out.

>

> Both the band and the stock market are suffering in the summer
>heat.

>

> Check 17 meters. It might be open to something.

>

>--

>

> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Wed, 6 Aug 2003 20:15:58 -0400

From: Brian Short <bshort4@cox.net>

To: Low Discussion <qrp-l@Lehigh.EDU>

Subject: [155610] Re: Crystal radio project

Message-ID: <51EE3232-C86C-11D7-9C41-00306543B616@cox.net>

Content-Type: text/plain; charset=US-ASCII; format=flowed

Mime-Version: 1.0 (Apple Message framework v552)

Content-Transfer-Encoding: 7bit

Some time ago, (Jan 2001), Rick Weber, W9QZ, posted a short email and picture about a transmitter that he built in these very circumstances. See:

<http://www.k7on.com/equipment/qrp/junkyd.htm>

The photo which he included was "neat looking," so I started playing with it in Photoshop and ended up with the "artistic" version pictured there. I get questions about the picture from time to time.

Otherwise, it is ALL the work of W9QZ, Rick Weber. I have included it on my web page just because I think

it is really "neat."

On Wednesday, August 6, 2003, at 09:00 PM, Richard Clem wrote:

> NOXAS wrote:

>

> He also tells me of making resistors by using pencil lead on paper...

> and

> the spark transmitter he built, which was quickly detected by his

> mother

> (and probably every other radio listener within miles - Grandpa had a

> garage, so Dad was using ignition coils!)

>

> And I missed all of that. 'Course I missed the Depression too, so it

> evens out I guess.

>

> -----

>

> This reminded me about a web page I had seen:

> http://www.vcomp.co.uk/one_tube_1935/one_tube_1935.htm

>

> about making a one-tube regenerative receiver with all homemade parts

> (other

> than the tube, battery, and headphones).

>

> One of these days, I'm going to get around to making one of these. I'm

> wondering whether anyone has built one of these (or possibly the

> matching

> transmitter).

>

> 73,

> Rick W0IS

>

>

>

--

See my web page: <http://www.k7on.com>

Date: Wed, 06 Aug 2003 21:18:50 -0400

From: Chuck Ludinsky <cjl@mitre.org>

To: neqrp@jonal.net, qrp-1@lehigh.edu

Subject: [155611] NEQRP CW Net, Thursday, 7 Aug 03, 08:30 PM EDT, 3.566 MHz

Message-ID: <3F31A8FA.4020205@mitre.org>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

The New England QRP Club's 80M CW net, WQ1RP, will meet again on Thursday, 7 August 2003, at 8:30 PM EDT (00:30Z, 8 August 03) on or near 3.566 MHz. All hams are welcome. Net control operator will be Chuck, K1CL, operating from Chelmsford, MA.

Despite somewhat noisy conditions last week, we had a good net with a total of 10 participants:

AJ1J	Joe	Newton, MA	599
NA1XX	Mike	N. Weymouth, MA	479
WA8BXN	Mike	nr Cleveland, OH	359
K1RC	John	Dracut, MA	599
AB1CW	Ed	Tyngsboro, MA	599
AB1AV	Bill	Hollis, NH	599
W2BVH	Lenny	Cranford, NH	589
W2SH	Charles	Millington, NJ	599
WB1HBE	John	Chelmsford, MA	599
K1CL	Chuck	Chelmsford, MA	net op

Thanks to everyone for an excellent net, and hope to hear you all again this week.

72 DE K1CL,
Chuck

Date: Wed, 6 Aug 2003 18:20:56 -0700 (PDT)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [155612] Re: Kids First Rig
Message-ID: <20030807012056.53116.qmail@web21411.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good idea!

Also if they are currently a tech, maybe a simple rig for 6 or 2 meter cw. a vxo might be in order so such a rig could talk to a similar rig. we may be chasing a rabbit because with a fun keyer to practice code, they could have their 5 wpm code down in no time!

i still remember a k1zz editorial in qst lamenting there is no bad cw heard anymore in the novice bands

...

i think we are already on the right track with
encouraging kids to make keyers!

curt wb8yyy

--- Steven Weber <kd1jv@moose.ncia.net> wrote:
> Okay, giving away keyer kits is a great idea, but
> what's even better is if
> they could use them to talk to someone "over the
> air".
>
> Probably the simplest and quickest way to do this
> would be with a set of
> "FRS" radios. Set the radio to VOX mode and use the
> sidetone from the keyer
> to key the radio and transmit the side tone.
>
> But then, they might want to build a rig too, as a
> second kit. Until they
> get a license, we can't put them on a ham band, so
> the 160-190 KHz Low'fer
> band would be the obvious choice, although the range
> would be very limited.
> Maybe something along the lines of a "Pixie" or Rock
> Mite could do it.
>
>
>
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> <http://www.qsl.net/kd1jv/>

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<http://sitebuilder.yahoo.com>

Date: Wed, 06 Aug 2003 21:37:35 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [155613] Major New Holiday!
Message-ID: <3F31AD5F.FB184822@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok, what do we like to do more than anything else? I mean other than complain about operating systems? That's right---get on the air and qso.

Have I got news for you. There's a national movement underway to set aside a day to stop work and..... talk!!!

Here's the scoop:

"On Friday, October 24, 2003, thousands, perhaps millions, of Americans will JUST SAY NO to the overwork, over-scheduling and overstress that threaten to overwhelm our lives. They'll take the day or part of it off work, and join in hundreds of activities to initiate a much-needed national conversation about work/life balance and how we can reclaim it."

<http://www.simpleliving.net/Timeday>

They're calling it "Take Back Your Time Day". And among the "hundreds of activities" that can "initiate a much-needed national conversation" it seems to me that getting on the air should be our first priority as licensed radio operators.

So who's with me? Want to set up some spots on 40m to talk about maintaining a balance between work and radio? Maybe 30m would be better for a "national conversation"? The possibilities are endless.

73,

Ken KG4FGC

(This was actually sent to me by someone who thinks I work too much)

Date: Wed, 6 Aug 2003 20:51:39 -0500
From: "tmyers" <tmyers@academicplanet.com>
To: <rohre@arlut.utexas.edu>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155614] Re: BPL from underground power lines
Message-ID: <019801c35c86\$72d153c0\$0100a8c0@newkid>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just get some sniffing software and read your neighbors mail and anything else on the wires in your area. I wonder if the uses know this can be done?

Terry
KQ5U

----- Original Message -----

From: Stuart Rohre <rohrer@arlut.utexas.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, August 06, 2003 18:57
Subject: BPL from underground power lines

> Steve and the group. Power lines underground in my area are not shielded or
> twisted well. BPL will be every bit as bad, even worse as it will be closer
> to your antenna in some cases than overhead power lines would be on 50 foot
> poles across a street for example. Listen to the samples Ed Hare has put up
> on www.arrl.org web site. It is a bone crushing form of interference. You
> should go mobile in the areas where it is being tested and listen. Also,
> transmit some 'rag chews' and see if it disrupts the BPL. As little as 25
> watts of RF is said to get into the BPL from other RF sources.
>
> You will probably pick it up easily across town if you have a beam pointed
> in the direction of power lines equipped with BPL.
> 72,
> Stuart
> K5KVH
>
>

Date: Wed, 06 Aug 2003 21:53:50 -0400
From: "Robert K. Henderson" <rkh@sympatico.ca>

To: <qrp-1@lehigh.edu>
Subject: [155615] Why 11 metre Morse
Message-ID: <BB572930.8F1%rkh@sympatico.ca>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

The problem is, OMs, you have to have a licence to operate on the ham freqs. (In other words, practically-speaking, you have to have a licence to get one.) We'd have much more success bringing people into the hobby, especially kids, if we could offer them real live communication to learn with. That's exactly what No Code Tech is all about, except some brainiac decided that NCT's wouldn't be allowed to operate CW on-air. That's why that programme has done such damage to CW. It's not because NCT's can operate voice; it's because they can't operate CW. If we'd thought that through a little more carefully, we could have created something really useful, instead of something that has divided our community so bitterly.

I agree that CB is a poor venue, but it was all I could come with for next-street-over, no-licence ops. And for that, it would actually be excellent, except for all the foul-mouthed louts swearing over our learners' QSOs. If we were really serious about reviving ham radio, we'd offer learners a 5 khz piece of 30 metres, whereupon they could operate Morse on a short-term permit, awarded following a very simple, written-only, multiple choice test. They'd be limited to 5W out and direct keying. If the beginner-haters still absolutely refuse to discuss it, we could further impose draconian antenna restrictions, and even crystal control (which would actually be quite doable on such a narrow sub-band and make simple, cost-effective kit rigs possible.) I'll say this, if we had this kind of learners' sub-band, I'd monitor all day long and work anybody I heard.

Anyway, the point of the CB query was, to see if I could use it to create an NCT-like programme for baby brasspounders. The British M3 programme, which is far more generous and extensive than what I've proposed here, has had incredible success. The bottom line is, they get learners on the AIR. Artificial code-practice exercises don't cut it. Ham radio started with kids gossiping with their school chums on super-basic, low power rigs. And it's been all downhill from there.

What can I say? I'm always thinking ;-)

--

Rob Henderson
KB7PWJ/VE2

See my article "Low Power, Crummy Antenna," QST, December 1999. PDF file

available from the ARRL website:

<http://www.arrl.org/tis/info/pdf/9812057.pdf>

Date: Wed, 06 Aug 2003 20:55:39 -0500
From: KD5NWA <KD5NWA@cbayona.com>
To: qrp-l@lehigh.edu
Subject: [155616] Re: Kids First Rig
Message-ID: <5.2.0.9.0.20030806205040.00a8f7d8@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:20 PM 8/6/2003, you wrote:

If someone makes a kit for a 100 mw part 15 transmitter for the AM or FM band that is tone modulated, then they could send to each other, not far mind you, but they could use an ordinary radio to listen. A lot of kids would love that.

> > Okay, giving away keyer kits is a great idea, but
> > what's even better is if
> > they could use them to talk to someone "over the
> > air".
> >
> > Probably the simplest and quickest way to do this
> > would be with a set of
> > "FRS" radios. Set the radio to VOX mode and use the
> > sidetone from the keyer
> > to key the radio and transmit the side tone.
> >
> > But then, they might want to build a rig too, as a
> > second kit. Until they
> > get a license, we can't put them on a ham band, so
> > the 160-190 KHz Low'fer
> > band would be the obvious choice, although the range
> > would be very limited.
> > Maybe something along the lines of a "Pixie" or Rock
> > Mite could do it.
> >
> >
> >
> >
> > 72,
> > Steve, KD1JV
> > "Melt Solder"
> > White Mountains of New Hampshire

> > http://www.qsl.net/kd1jv/
>
>
> _____
>Do you Yahoo!?
>Yahoo! SiteBuilder - Free, easy-to-use web site design software
>http://sitebuilder.yahoo.com

Cecil
KD5NWA

Date: Wed, 6 Aug 2003 21:09:20 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: mpowell@fcc.gov, <kabernat@fcc.gov>, <mcopps@fcc.gov>,
<kjmweb@fcc.gov>, <jadelste@fcc.gov>
Cc: qrp-1 <qrp-1@lehigh.edu>
Subject: [155617] Dear FCC Commissioners re: Broadband over power lines
Message-ID: <Pine.LNX.4.44.0308062051390.9441-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Tests have shown that BPL (Broadband over Power Lines) will have a dire impact on the usability of the high frequency (HF) radio spectrum.

As a FCC-licensed amateur radio operator, I am a frequent user of this spectrum, and have heard the devastation that BPL, if implemented, will do. The interference - constant, droning, and across all frequencies - makes the HF bands unusable.

I cannot believe that the FCC would ever support such a system that renders useless the frequency bands used by amateurs, the military, the coast guard, and countless other users.

HF radio provides a communications backbone that allows communications to be made independent of "assistance," such as repeaters, satellites, or landlines, and has been shown to provide huge benefits to countless millions in times of natural disaster.

And what, exactly, would this new service provide?

Very little, and certainly nothing that isn't already available.

In a world of broadband via satellite, cable modem, DSL, T1, T3, and dialup (all of which cause NO interference to other services, licensed or otherwise), adding just ONE more broadband option, at the expense of the

entire HF radio spectrum and all of its LICENSED users, is highly irresponsible.

As a licensed amateur with a master's degree in electrical engineering, I understand the pros and cons of this situation, and am outraged that this option is even being considered by my own government.

Were I to propose such a system with such deleterious consequences at work, I would probably be fired for displaying very, very poor engineering judgment.

Please consider the serious threat to so many licensed HF spectrum users and reject its implementation.

If you would like to hear just what BPL does to the HF spectrum,

Please surf to:

<http://news.cq-amateur-radio.com/news.htm>

and proceed down the page to "ARRL Files Strong Opposition to BPL."

Click on "To hear a sample of what BPL sounds like on a typical ham rig (courtesy of the ARRL), click HERE."

Prepare to be horrified.

I know I was.

Thank you for your consideration.

Scott Rosenfeld ARS N7JI
Electrical Engineer, Eugene, Oregon USA

Date: Wed, 6 Aug 2003 21:10:48 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [155618] Speaking against BPL, plus obQRP
Message-ID: <Pine.LNX.4.44.0308062109420.9441-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi everyone...

ObQRP...

Imagine a band with THAT much noise as demonstrated by ARRL?

QRP would be nearly impossible.

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Wed, 06 Aug 2003 22:05:00 -0400
From: "Robert K. Henderson" <rk@sympatico.ca>
To: <qrp-1@lehigh.edu>
Subject: [155619] Morse on CB, historical example
Message-ID: <BB572C0C.8F3%rk@sympatico.ca>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Check this out, from the days when it was apparently legal:

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3039724032&category=1501>

--

Rob Henderson
KB7PWJ

See my article "Low Power, Crummy Antenna," QST, December 1999. PDF file
available from the ARRL website:

<http://www.arrl.org/tis/info/pdf/9812057.pdf>

Date: Wed, 06 Aug 2003 21:10:36 -0500
From: Bob Liesenfeld <wb0poq@visi.com>
To: wa2dgd@comcast.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155620] Re: OT Discriminator out
Message-ID: <3F31B51C.A6099C0A@visi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Larry - WA2DGD wrote:

>
> Hello,
>
>
>
> I saw a scanner that has a "discriminator output" that puts out a baseband
> signal useful for decoding digital and sub audible signals with a computer.
>

I worked with this a lot back in my two way radio days. Typically disc out is before the volume control so it is at a fixed level. Also, it is typically before any de-emphasis network (this can be important for certain applications). It is frequently before the squelch gate so it passes noise between transmissions. Finally, it is before any sub-audible tone filters (PL) so that would be present as well.

The biggest deal is that the volume control has little or no effect out the output amplitude. I don't know how many emergency calls I went on because some #\$\$%!! repeater designs (brand names will go unmentioned) pulled repeat audio off after the volume control and someone turned the volume down cause they were sick of hearing it blasting out of the cabinet. Ahhhhhh the 'good old days' ;)

Bob
WB0POQ

Date: Wed, 6 Aug 2003 20:21:33 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [155621] Re: BPL from underground power lines
Message-ID: <20030806.202135.-184261.6.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wouldn't be worth it. The Electronic Communications Privacy Act 1996 (ECPA) as amended makes the interceptor the big nasty, regardless of how it was done. Just like the baby monitor or walk around phones, if your receiver happens to pick it up accidentally you are at fault, liable for big fines and heavy time.

Ray

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78
fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Wed, 06 Aug 2003 21:37:09 -0500
From: Richard Lim <richlim11@yahoo.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [155622] Re: BPL threat (was: Re: VEC Petition)
Message-ID: <BB572585.4B67%richlim11@yahoo.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

EVERONE ON THIS LIST MUST CHECK THIS LINK OUT! It is frightening to think
that this kind of RFI can be a reality in the near future!

I would love to hear from some of our European friends, particularly those
in Germany or Spain who ALREADY have BPL systems deployed as to the affects
this broadband service has on HF communications.

Furthermore, I can't believe that the military would allow this broadband
delivery system. On the video, one can see that the RFI seems to affect a
huge portion of the HF spectrum INCLUDING that used by the military.

I very discourage by this video.

Rich

--
73 DE KQ9L K2/100 #3232 K1 #1669
FISTS #10193 FP #548 QRPARCI #11129

On 8/6/03 3:12 PM, "George Fremin III" <geoiiii@kkn.net> wrote:

> On Fri, Aug 01, 2003 at 05:51:37PM -0400, Hare,Ed, W1RFI wrote:

>

>

>> I have personally heard this stuff, up close and personal. I am not
>> one to take extreme positions, but my choice of words was exact. The
>> worst of the interference from this was devastating to HF

>> communications, occupying many MHz and unbelievably strong for miles
>> up and down the line carrying the signal.
>
>
> I would strongly urge everyone on this list to go download
> and watch the video of W1RFI's BPL trip.
>
> <http://www.arrl.org/news/stories/2003/08/08/2/?nc=1>
>

Date: Wed, 6 Aug 2003 22:43:39 -0400
From: "Tom Crawford" <TMCsail@sbcglobal.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155623] Re: Code practice
Message-ID: <015101c35c8d\$b5b46b30\$6601a8c0@TOMDELL>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike,

Take a look at CwType:
<http://www.dxsoft.com/>
You connect your paddle to your printer port (with a couple of resistors on
specified pins) and the code you send is displayed in the text area of the
CwType window.
Add a connection from your computer to your transceiver and it's a super
memory keyer.
73,
Tom W3TMC

----- Original Message -----
From: "Leech Mike (AP/EAT1)" <Mike.Leech@us.bosch.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, August 06, 2003 7:00 AM
Subject: Code practice

> I am interested in building a small code practice machine capable of
> displaying input from an Iambic key.
>
> Other than the the CW19, is there anything else out there?
>
> Thanks

>
> Mike Leech - KF8FG
> mike.leech@us.bosch.com

Date: Wed, 6 Aug 2003 21:46:50 -0500
From: Bud Rogers <budr@netride.net>
To: qrp-l@Lehigh.EDU
Subject: [155624] Re: LINUX Replies
Message-ID: <200308062146.50815.budr@netride.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Wednesday 06 August 2003 13:03, Ed Tanton wrote:
> An interesting thing happened with my "rant" on LINUX. I got a bunch
> of reasoned replies.

I'd like to add what I hope is another reasoned reply. I realize this is off topic for this list. Those who are tired of the whole thing can stop reading now with my apologies. I would like to make a point or two that I think are close to topic for ham radio in general. And since I think the qrp community is very close to the heart of ham radio, I'd like to think that what I'm going to say is at least in the neighborhood of being on topic here.

I think the linux community and the amateur radio community have a lot in common. In both communities there is a spirit of self reliance, a passion for self discovery, a desire to understand how things work and how to make them better. And in both communities there is a strong sense of fraternity and community support.

These days you can buy a rig with every bell and whistle and feature you can imagine, but to my mind that's not what ham radio is about. I think the real spirit of ham radio is still with the tinkerers and the tweekers. Maybe we don't all build our radios from scratch anymore, but we've all felt the thrill of putting something together and making it work. Linux is very much in that same spirit.

I've run Linux at home since late '95. When I started it was a little like the early days of ham radio when nearly everything was homebrewed. It took a lot of effort and dedication to get a system up and running. You had to do your homework. Things are much, much better now. Current Linux systems are more like Heathkits. There is still some

work involved and you still need to do your homework, but the documentation is generally pretty good and there is a thriving community of support. These days it's not that hard to find an Elmer to help you get up and running.

> Finally, I think my main reason for the whole thing was NOT against
> LINUX... but rather the LINUX-elite who appear to believe LINUX can
> cure 'all what ails you'.

Sadly, there is an element of fanaticism in the linux community. I suppose any field of endeavor that requires dedication and effort to achieve tends to bring that out in some people. Unfortunately, the most extreme viewpoints tend to make the most noise and get the most attention. Some people choose the black box from Kenwood or Icom while others prefer to roll their own. To my mind the choice of Linux vs one of the commercial OS's is a very similar choice. In both cases, some see the choice as a moral issue.

> So, with the encouraging comments from
> several folks, it WILL be tried. I was going to try it anyway-but now
> it's "TRY" (a good bit more intensely than my previous plans.)

I've used several Linux distributions over the years, including Slackware, SuSE, and Debian. For the last year or so I've been pretty happy with Knoppix.

For someone who wants to give Linux a try, I highly recommend Knoppix. You can try it out on any PC that has a CD drive. You don't have to install it, it will run right from the CD. It won't be blindingly fast, but you can get an idea whether you're interested or not. When and if you decide you like it, it has the most painless installation process I have seen with any Linux distribution.

<http://www.knopper.net/knoppix/index-en.html>
<http://www.knoppix.net/>

If anyone is interested, I'd be glad to help in any way I can. Email me off-list if you wish.

--

Bud Rogers <budr@netride.net> KD5SZ EM05vb

Date: Wed, 6 Aug 2003 21:50:45 -0500 (CDT)
From: grizzarv@mindspring.com
To: kd1jv@moose.ncia.net
Cc: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)

Subject: [155625] Re: Kids First Rig
Message-ID: <200308070250.h772ojn17357@kg7yy.kg7yy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> From: Steven Weber <kd1jv@moose.ncia.net>
> Subject: Kids First Rig
>
> Okay, giving away keyer kits is a great idea, but what's even better is if
> they could use them to talk to someone "over the air".
>
> Probably the simplest and quickest way to do this would be with a set of
> "FRS" radios. Set the radio to VOX mode and use the sidetone from the keyer
> to key the radio and transmit the side tone.
>
> But then, they might want to build a rig too, as a second kit. Until they
> get a license, we can't put them on a ham band, so the 160-190 KHz Low'fer
> band would be the obvious choice, although the range would be very limited.
> Maybe something along the lines of a "Pixie" or Rock Mite could do it.

Point your web browser at
<http://www.highnoonfilm.com/xmgr/medferbeacons2.htm> then scroll down
until you find the "HiFer Beacons". There is a link to a transmitter
for the 22 Meter band at 13553 - 13567 kHz and another to some of the
beacons on in the band.

There is a discussion on power limits on the beacon page. Nothing too
onerous, but they do exist. I think this band might be a better choice
than 1750 Meters.

de kg7yy

Date: Wed, 06 Aug 2003 22:53:28 -0400
From: Jim Campbell <jim-c@charter.net>
To: "William M. Spaulding, Sr." <billspau@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [155626] Re: [Elecraft] Dummy Load
Message-ID: <3F31BF28.30906@charter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Unfortunately, when I measured the resistance of my Heath Cantenna, it
was 60-some ohms.

Also, my MFJ 100-watt dummy load was way out of spec. I don't use either.

Jim
W4BQP

William M. Spaulding, Sr. wrote:

>Chances are your Heath Cantenna has a nominal 52 ohm resistor in it, and
>we've all used that forever with perfectly acceptable results.
>
>

Date: Thu, 7 Aug 2003 02:56:12 GMT
From: hamjoel@juno.com
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [155627] on this BPL thing
Message-ID: <20030806.195626.11427.302238@webmail07.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

fellas iffing ah is hearing u correctly this bpl thing is gonna take out a lot of
company fm communications... them high power lines can already knock out a company
radio with a lite arching and the power co still be within legal tolerance... ah
seen it done... noise level come up and mobiles in the field can't get back to the
office... terrible waste...

so has it been pointed out to the high sheriffs what still be on 30mhz that
they an't gonna be able to talk to the possie whan this stuff comes on... maybe
homeland security could help us out on this one...

yea it sounds funny yet its really serious...

KE1LA JOEL
IN MAINE
FREEZIN

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Wed, 6 Aug 2003 23:03:52 -0400

From: K7VO <k7vo@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [155628] Items for sale
Message-ID: <20030806230352.3aa3be5e.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi, everyone,

Due to yet another financial setback, I am forced to sell more items from my shack. Here is what I have:

1. Mizuho MX-21S 2W 15 meter SSB/CW HT with matching PL-21S 10W linear amplifier, BM-6 case, and AN-21 telescopic antenna. \$190. This is a relist as two previous "buyers" backed out. Hopefully the third time is the charm.
2. Mizuho MX-15 300mW 15 meter SSB/CW HT with the very rare matching PL-15 10W linear amplifier. \$175.

OT for this list, but I figured some here might be interested:

3. Icom IC-2330A 2m/222MHz dual band mobile, with Diamond duplexer and Diamond CR-224 dual band antenna. \$300.
4. Radio Shack HTX-200 and HTX-400 mini FM HTs for 2m and 70cm. \$80 for both or \$45 each.

All prices are plus shipping and insurance.

I've put up web pages with lots of pictures and detailed descriptions at <http://www.mizuhoradio.com/personal/k7vo/forsale.html>

As always, please respond to me directly, not to the list.

72/73,
Caity
K7VO

Date: Wed, 6 Aug 2003 22:15:11 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "tmyers" <tmyers@academicplanet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [155629] Re: BPL from underground power lines
Message-ID: <001601c35c92\$1cd27100\$4e100a0a@rohredt2000>

Local hams in Austin Tx, (said to be one of the most internet connected cities in U.S.), have cruised the streets with mobile laptops and found many wireless hubs left open to use without more than the factory default password, if that. In a word, the non computer pro public does not have a clue about their privacy being violated by various internet connection schemes. There are at least 3 modes of BPL modulation being tested.
-Stuart K5KVH

Date: Wed, 6 Aug 2003 20:25:24 -0700
From: "Lyle Johnson" <wa7gxd@fidalgo.net>
To: "Lee Mairs" <lmairs@ix.netcom.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155630] RE: OT Discriminator out
Message-ID: <NEBBKGGNGLGOHDJKFAPHEECAEMAA.wa7gxd@fidalgo.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Seems to me I remember monitoring the discriminator output as a
> tuning means
> back in the old days of 2 meter FM using old taxi cab equipment.

Could be. Run the discriminator out through a dc-coupled low pass filter and that is how you get AFC voltage for drift correction...

73,

Lyle KK7P

Date: Wed, 6 Aug 2003 21:36:22 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [155631] Re: Speaking against BPL, plus obQRP
Message-ID: <20030806.213623.-184261.11.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I went to hear/see the video that Ed made for ARRL. I am not sure, with my situation here, that I would be able to hear much increase in noise - my noise level sits at s9 from 18 mhz down, increasing to about 35 over S9 on 80. Frequent Emails and occasional calls to the power company have not alleviated the situation over the past 10 + years. So, should such a monstorous system such as BPL come about here, I have no hope that the power company would or even could keep it to a non-interference basis.

thanks Scott - nice comments, concise and direct. If only the ones involved will pay heed.

73

Ray

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78
fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Wed, 6 Aug 2003 22:52:45 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [155632] [w7pxl] BPL/PLC How bad can it be? (fwd)
Message-ID: <Pine.LNX.4.44.0308062252330.9441-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Arrrrrgggh.

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

----- Forwarded message -----

Date: Wed, 6 Aug 2003 20:15:33 GMT
From: gelatinous <gelatinous@juno.com>
To: gelatinous@juno.com
Cc: w7pxl@valleyradioclub.org

Subject: [w7pxl] BPL/PLC How bad can it be?

Please click on this link to see an audio/video clip taken by Ed Hare W1RFI of the ARRL of an existing BPL system and the interference it produces. You will need to scroll down a few paragraphs to get to the link.

news.cq-amateur-radio.com/news.htm

George Worthington
N7BUI

Date: Wed, 06 Aug 2003 21:39:29 -0600
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [155633] Re: BPL in VA
Message-ID: <5.1.1.6.2.20030806211904.00a41060@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I wouldn't expect underground utilities to help much. The signal goes through the unshielded house wiring (note the phrase "plug it in anywhere"). The house wiring acts as an antenna, passing interference into and out of the BPL system. Even if the line in the back yard isn't a problem, all the cables in the walls and attics provide multiple points of RF egress and ingress.

72,

--Tim (KR0U)

>Radioham <radioham@comcast.net>:

>

>On the way to work this AM I heard a brief radio news story on BPL being
>introduced to the Manassas City, VA area. Apparently it has been tested
>there for about 14 months on a limited basis and they want to now make it
>available to a large number of residents. Of course, they interviewed one
>enthusiastic resident who said it was really great as he could walk around
>with his laptop and plug it in anywhere and get on the net.

>

>Nothing negative was said about interference - just that was cheaper than
>other high speed alternatives and was a great choice. One thing I have not
>seen mentioned - how bad is the HF interference in areas that have all

>utilities underground? Does anyone have experience with that
>situation? The hams in Manassas are going to have a problem as virtually
>all the power lines are overhead in that area.

Date: Thu, 7 Aug 2003 00:16:14 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <rkh@sympatico.ca>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155634] Re: Morse on CB, historical example
Message-ID: <009301c35c9a\$bbfdd780\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Check this out, from the days when it was apparently legal:
>
>
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3039724032&category=1501>
> --
>
> Rob Henderson
> KB7PWJ

Actually, that is NOT technically a CB set. That thing is one of the
'less than 100mw' toys that happen to operate on CB frequencies.

They were legal to manufacturer and sell up until Dec 31, 1977,
at which time they were prohibited to sell. If you had them, you
could still use them. As of Jan 1, 1978, ALL devices of this
nature were no longer allowed to operate on CB frequencies.

Mike

Mike

Date: Wed, 6 Aug 2003 23:18:08 -0700 (PDT)
From: Tom Severt <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [155635] Re: BPL from underground power lines
Message-ID: <20030807061808.3562.qmail@web9608.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Stuart Rohre <rohrer@arlut.utexas.edu> wrote:
> Local hams in Austin Tx, (said to be one of the most
> internet connected
> cities in U.S.), have cruised the streets with
> mobile laptops and found many
> wireless hubs left open to use without more than the
> factory default
> password, if that.

Isn't there a practice among hackers called
"warchalking," where they try to find open wireless
hubs and get into the system? If I understand right,
the term comes from the practice of making chalk marks
on the sides of buildings where the signals are easily
received.

=====
Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Thu, 7 Aug 2003 02:29:24 -0400
From: Arthur Tan <ab4rl@lomag.net>
To: qrp-l@lehigh.edu
Subject: [155636] SuSE 8.2 pro cd's (2 sets available)
Message-ID: <20030807062924.GA61125@shell.lomag.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Hi,

I've been late joining the group distribution of the SuSE 8.2 PRO CD's
so I don't have a list per se of the persons I in turn should send
copies to. However, I have been the lucky recipient of a set of CD's

and am willing to send a set to the first two persons that respond.

73, Art AB4RL

Date: Thu, 7 Aug 2003 01:47:40 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [155637] Re: OT: Antivirus Software
Message-ID: <008801c35caf\$cceca980\$0077da0c@mchsi.com>

Well, here's one I've never heard of and I picked it up this morning when visiting one of the web site hosted by Mediacom.

" BACKDOOR CORNFLOOD "

Norton caught it and quarintined it. I was able to delete it after quarantine. I ran a scan after and Norton says I'm clean.
So what the heck is Backdoor Cornflood ??

72 Jerry NOJRN
----- Original Message -----
From: "Brian" <brian@iquest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, August 06, 2003 1:42 PM
Subject: Re: OT: Antivirus Software

> I updated my AVG defs every day. It failed to stop this particular
worm on my
> W2K machine...twice.
>
> If you're having better luck, that's great.
>
> I wish mine would have worked better, I like FREE a lot better than
the \$59 I
> had to pay Symantec for my NAV renewal.
>
>
>
> Quoting Pastor-kc1di <elbc2@gwi.net>:
>
> > Hi Brian,
>
> >
>
> > I hope you kept your Virus Definitions updated , because they list

Spybot

```
> > /worm in ther virus definition data.. so It does protect against
it.
>
> > This particular virus usually comes in through file swaping sites.
and chat
> > rooms.
>
> > 73 Dave
>
> >
>
> >
>
> > -----Original Message-----
>
> >
>
> > From: brian@iquest.net
>
> > Date: Tuesday, August 05, 2003 8:01:06 PM
>
> > To: Low Power Amateur Radio Discussion
>
> > Subject: Re: OT: Antivirus Software
>
> >
>
> > I USED to use AVG...the amazing FREE antivirus software on my W2K
>
> > machine but in a two week period it allowed not one, but two
instances
>
> > of a spybot/worm to infect my computer.
>
> >
>
> > I deleted it and renewed my Norton AV software.
>
> >
>
> >
>
> > ----- Original Message -----
>
> > From: "Paul" <mooney@cytanet.com.cy>
>
> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
```

>
> > Sent: Tuesday, August 05, 2003 6:31 PM
>
> > Subject: Re: OT: Antivirus Software
>
> >
>
> >
>
> > > On Wed, 2003-08-06 at 00:44, Thomas Kuehl wrote:
>
> > > I've been using Norton antivirus software for the past year,
but got
>
> > nailed
>
> > > by a virus that went specifically after the Norton software.
It
>
> > seemed
>
> > > somewhat paradoxical to me that this virus protection software
>
> > couldn't
>
> > > protect itself against a virus. Too that end, I am now
shopping for
>
> > > different antivirus software.
>
> > >
>
> > > I recall a fellow on the list who is using antivirus software
from
>
> > Europe,
>
> > > and he was pleased with its performance. It was from somewhere
like
>
> > > Slovenia! I'd like to hear what others are using before I make
a
>
> > decision.
>
> > > Please answer me offline.
>
> > >

>
> > > > Thanks, Thomas - AC7A (Tucson)
>
> > > >
>
> > >
>
> > > AVG anti-virus at <http://www.grisoft.com>
>
> > >
>
> > > Paul M
>
> > >
>
> > >
>
> > >
>
> > >
>
> >
>
> >
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> >
>
> > .
> >
>
>

Date: Thu, 7 Aug 2003 02:14:10 -0500
From: Steve Yates <aa5tb@arrl.net>
To: "QRP-L Distribute" <qrp-l@Lehigh.EDU>
Subject: [155638] Mysterious Time Signal?
Message-ID: <200308070214.10174.aa5tb@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Ever since about February I been receiving an unusual time signal on a carrier frequency of 10.5096 MHz. The signal consist of only CW notes every second with longer notes at various fractions of the minute. I've never heard it

identify and it is very weak. And no, it is not a local emission. Maybe it's a "QRP" time signal. The pattern sounds much like the Russian time signals. I've been unable to find any reference to a station on such an odd ball frequency.

I am curious if anyone else can hear it. Listen hard.

73,
Steve Yates - AA5TB
Fort Worth

Date: Thu, 7 Aug 2003 07:18:01 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [155639] Kids First Rig and . . .
Message-ID: <20030807.071919.-310845.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

>>Point your web browser at
>><http://www.highnoonfilm.com/xmgr/medferbeacons2.htm> then scroll down
>>until you find the "Hifer Beacons". There is a link to a transmitter
>>for the 22 Meter band at 13553 - 13567 kHz and another to some of the
>>beacons on in the band.

Also you can gQqgle search terms such as . . .
>>QRSS (slow speed CW), Easygram, Spectran and SpectrumLab<<
for outstanding, free, soundcard software
that will pull the signals out of the ether.

Although the software (above) is desidned to pull signals out of and
from "below" noise / QRM levels, the no license >>13553 - 13567 kHz<<
portion of 22meter band is indeed QRPpp but
not very active so signals will be easy to find and display.

John
N3AAZ
00TC
FM 19 xa

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Thu, 7 Aug 2003 06:47:58 -0500
From: mark.milburn@juno.com
To: qrp-l@lehigh.edu
Subject: [155640] Iowa QRP CW Net
Message-ID: <20030807.064832.-1485699.4.MARK.MILBURN@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Lots of QRN, but not a bad night. We enjoyed having:

KQ0I	Mark	Iowa
W5USM	Bill	Texas
WA8BXN	Mike	Ohio
W5USJ	Chuck	Texas
W0TGB	Mark	Tennessee

and I heard through the grapevine that AA0XJ, Jim in Iowa was trying but couldn't make it directly and couldn't raise a relay through the noise. Jim, don't give up on us. We appreciate your efforts to get into the net. Probably if there were less QRN we could have made it.

Thanks to all, and see you next week.

72 Mark KQ0I
Des Moines, Iowa

Date: Thu, 7 Aug 2003 15:29:42 +0400
From: "Oleg V. Borodin" <master72@lipetsk.ru>
To: <aa5tb@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155641] Re: Mysterious Time Signal?
Message-ID: <001301c35cd7\$c063dd00\$10e722c3@OLEG.lipetsk.ru>
MIME-Version: 1.0
Content-Type: text/plain;
charset="koi8-r"
Content-Transfer-Encoding: 8bit

Dear OM Steve!

I think you has heared a one of Russian station of "Exactly frequency and time Service". There are many Service Radio-stations sounds like you describe the signal. Also, some stations send their callsign just a twice per hour only.

Wish you all the best!
--- In QRP We Trust :-)
72! de RV3GM Oleg V. Borodin
Chairman of RU-QRP Club
and Editor of "CQ-QRP" journal
RU-QRP Club <http://ruqrp.narod.ru>

: Steve Yates <aa5tb@arrl.net>
: Mysterious Time Signal?

>it's a "QRP" time signal. The pattern sounds much like the Russian time
>signals. I've been unable to find any reference to a station on such an
odd

Date: Thu, 7 Aug 2003 07:27:40 -0400
From: "John Huffman" <hjohnc@core.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155642] Results August Spartan Sprint
Message-ID: <00b201c35cdb\$d3037c00\$0100007f@jhuffmanlt>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Results of the August 2003 Spartan Sprint
Conditions were spotty in August and that was reflected in the number of
logs and the scores. We had 59 logs, down from the 76 we've had the last
two months.

Here's the band statistics as compared to last month:

	August 2003	July 2003
80M -	37 QSOs	5 QSOs
40M -	324 QSOs	530 QSOs
20M -	843 QSOs	1115 QSOs
15M -	0 QSOs	41 QSOs
10M -	0 QSOs	0 QSOs
Total -	1204 QSOs	1691 QSOs

20 Meters was productive only part of the time, depending on your QTH. 40
Meters was filled with QRN most places. A surprise was that some found
contacts on 80 Meters. Guess fall is coming.

Skinny Winners -

This month the rigs on the Skinny leaders were a bit heavier. First place finisher Bob N4BP at 83 contacts and 2.49 pounds. Second place went to Serge VA3SB who had 30 contacts with 1.375 pounds. Brian K7RE was third with 33 contacts and 1.625 pounds.

Tubby Division Winners -

It was a tight race for the Tubbies. First overall was Jim WA9TZE who had 85 contacts on three bands, including 14 on 80 Meters. Skinny winner Bob N4BP was as a Tubby, just 2 contacts behind Jim. K3TW Tom was third overall for the second month in a row, just 1 contact behind Bob

Special Recognition, Outside Operation -

W3HQ - "I decided to camp out in a tent Monday evening for the SP. However, as soon as the SP started I dropped my station flashlight and could no longer read my dial, log etc."

N8HSP - "Thunderstorms surrounded me at the Cleveland Lakefront State Park, but this time I prevailed. ;-) The lightning settled down just as the sprint was underway. Had a great time and even managed to stay dry this time.

N0YGY - "I grabbed my K1 and fishing pole antenna and headed out to a local reservoir on my bike. As darkness fell I was doubly entertained by a fascinating thunderstorm about 20 or 30 miles south of me."

WB9OQB - "I set up a tent in the back yard to keep mosquitoes away. I even managed to work KH6B my first ever Hawaii contact."

KC5TTY - "Temp in back yard station was 94 degrees at the end of the sprint. Station sitting on metal folding chair in back yard about 30 feet away from big metal building."

K6UIZ - "I was outside in the back yard using a St. Louis type vertical this month. Not much success. Finally back in the house on a better antenna."

AB6SO - "I worked from the salt evaporation ponds and wildlife refuge alongside San Francisco Bay. Visibility was unlimited with a nice cool breeze. Thanks to everyone for being patient as my key kept sliding off my knee!"

AD6WE - "Back in the park as always. Thanks to AC6UV and WB6JDH for putting up the G5RV about 80 feet up."

Late Logs -

Brian AB6UI had a good excuse for being late with his July log. "Sorry for the late log but I just returned from a week on Catalina Island. My station consisted of a Rock-Mite 40 XCVR running about 750mW into my NorCal-QRP

MiniBoots AMP which gave me about 5w (all in Altiods Tins). My antenna was an end-fed half wave wire antenna. I was only able to operate for a portion of the contest but I was still able to get two contacts."

Each contact received one point. If you didn't tell us the weight of your station, or if your station weighed more than a house, we assigned a weight of 30 pounds.

The soapbox is published separately in the August issue of The ARS Sojourner which comes out mid-month. Don't miss it! www.ARSqrp.com

We hope everyone had a good time. See you in September!

THE SKINNY DIVISION (results sorted in the order of points per pound)

Call	80M	40M	20M	15M	10M	Points	Weight	Points
Per Pound								
N4BP	0	15	68	0	0	83	2.49	33.33
VA3SB	0	0	30	0	0	30	1.375	21.82
K7RE	0	0	33	0	0	33	1.625	20.31
K3ESE	0	13	20	0	0	33	1.7	19.41
N9JXY	0	5	0	0	0	5	0.27	18.52
W1PID	0	16	0	0	0	16	1.1	14.55
KW4JS	0	19	10	0	0	29	2.49	11.65
K5JHP	0	7	19	0	0	26	2.6	10
KI0G	0	0	6	0	0	6	0.75	8
N0YGY	0	0	15	0	0	15	1.94	7.73
K50T	4	20	20	0	0	44	5.7	7.72
K4FDK	0	8	0	0	0	8	1.2	6.67
W1ZZL	0	7	6	0	0	13	2.1	6.19
W5TB	0	2	15	0	0	17	3	5.67
K04WX	0	0	10	0	0	10	2	5
N4DMI	0	1	16	0	0	17	3.5	4.86
KH6B	0	0	20	0	0	20	4.4	4.55
NA8M	7	21	19	0	0	47	12	3.92
K6RXL	0	3	4	0	0	7	2	3.5
K6III	0	0	38	0	0	38	12	3.17
W3HQ	0	6	0	0	0	6	2	3
K EWS	0	6	12	0	0	18	6	3
WA9TZE	14	32	39	0	0	85	30	2.83
AD6WE	0	0	17	0	0	17	6	2.83
K3TW	5	29	48	0	0	82	30	2.73
AE4TC	0	0	13	0	0	13	5	2.6
N9RY	0	0	9	0	0	9	3.5	2.57
KG4FSN	0	0	7	0	0	7	3.4	2.06
KQ9L	0	2	2	0	0	4	2	2
N TK	0	0	14	0	0	14	7	2
W8HF	0	1	0	0	0	1	0.5	2
N9NE	4	26	30	0	0	60	30	2

K7TQ	0	0	56	0	0	56	30	1.87
KG4GVL	0	0	5	0	0	5	3	1.67
K4BAI	0	13	35	0	0	48	30	1.6
N4HAY	0	27	20	0	0	47	30	1.57
N7LT	0	5	37	0	0	42	30	1.4
K6LG	0	0	16	0	0	16	12	1.33
AC6NT	0	0	6	0	0	6	4.669	1.29
K4AVX	2	13	0	0	0	15	12	1.25
W2LJ	0	7	8	0	0	15	12.5	1.2
AB6SO	0	0	17	0	0	17	15	1.13
AL7FS	0	0	9	0	0	9	8	1.12
WB9OQB	0	0	10	0	0	10	10.5	0.95
K1CGZ	0	5	0	0	0	5	5.3	0.94
WA1VGB	0	2	0	0	0	2	3	0.67
AB1AV	1	3	0	0	0	4	6.4	0.62
W5YR	0	3	15	0	0	18	30	0.6
KB7MBI	0	0	15	0	0	15	30	0.5
VE5QRP	0	1	14	0	0	15	30	0.5
KC5TTY	0	0	5	0	0	5	10	0.5
N8HSP	0	0	6	0	0	6	16	0.38
KG6WP	0	0	4	0	0	4	12	0.33
K2EKM	0	0	2	0	0	2	6.37	0.31
K0IOA	0	1	6	0	0	7	30	0.23
VE3XT	0	4	2	0	0	6	30	0.2
AB4VF	0	0	6	0	0	6	30	0.2
K6UIZ	0	1	5	0	0	6	30	0.2
AE7RW	0	0	4	0	0	4	30	0.13

THE TUBBY DIVISION (results sorted in the order of points)

Call	80M	40M	20M	15M	10M	Points
WA9TZE	14	32	39	0	0	85
N4BP	0	15	68	0	0	83
K3TW	5	29	48	0	0	82
N9NE	4	26	30	0	0	60
K7TQ	0	0	56	0	0	56
K4BAI	0	13	35	0	0	48
NA8M	7	21	19	0	0	47
N4HAY	0	27	20	0	0	47
K50T	4	20	20	0	0	44
N7LT	0	5	37	0	0	42
K6III	0	0	38	0	0	38
K7RE	0	0	33	0	0	33
K3ESE	0	13	20	0	0	33
VA3SB	0	0	30	0	0	30
KW4JS	0	19	10	0	0	29
K5JHP	0	7	19	0	0	26
KH6B	0	0	20	0	0	20
W5YR	0	3	15	0	0	18

K EWS	0	6	12	0	0	18
N4DMI	0	1	16	0	0	17
W5TB	0	2	15	0	0	17
AB6SO	0	0	17	0	0	17
AD6WE	0	0	17	0	0	17
W1PID	0	16	0	0	0	16
K6LG	0	0	16	0	0	16
KB7MBI	0	0	15	0	0	15
VE5QRP	0	1	14	0	0	15
N0YGY	0	0	15	0	0	15
W2LJ	0	7	8	0	0	15
K4AVX	2	13	0	0	0	15
N TK	0	0	14	0	0	14
W1ZZL	0	7	6	0	0	13
AE4TC	0	0	13	0	0	13
K04WX	0	0	10	0	0	10
WB9OQB	0	0	10	0	0	10
AL7FS	0	0	9	0	0	9
N9RY	0	0	9	0	0	9
K4FDK	0	8	0	0	0	8
K0IOA	0	1	6	0	0	7
K6RXL	0	3	4	0	0	7
KG4FSN	0	0	7	0	0	7
W3HQ	0	6	0	0	0	6
KI0G	0	0	6	0	0	6
VE3XT	0	4	2	0	0	6
N8HSP	0	0	6	0	0	6
AB4VF	0	0	6	0	0	6
K6UIZ	0	1	5	0	0	6
AC6NT	0	0	6	0	0	6
N9JXY	0	5	0	0	0	5
KG4GVL	0	0	5	0	0	5
KC5TTY	0	0	5	0	0	5
K1CGZ	0	5	0	0	0	5
KQ9L	0	2	2	0	0	4
AE7RW	0	0	4	0	0	4
AB1AV	1	3	0	0	0	4
KG6WP	0	0	4	0	0	4
K2EKM	0	0	2	0	0	2
WA1VGB	0	2	0	0	0	2
W8HF	0	1	0	0	0	1

Date: Thu, 7 Aug 2003 08:05:27 -0400 (EDT)
From: Philip L Carter <pcarter@gcfn.org>
To: "Robert K. Henderson" <rk@sympatico.ca>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155643] Re: Why 11 metre Morse
Message-ID: <Pine.3.07.10308070824.A2628-81000000@acme>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

No code Techs CAN operate CW, but ONLY in the bands they are allowed to operate.

NRE/COLE Test Center OH-3
pcarter@gcfn.org or wd8qwr@arrl.net
Philip L. Carter, WD8QWR
wd8qwr@w8cqk.#cmh.oh.usa.na

Date: Thu, 07 Aug 2003 07:12:29 -0500
From: bob evinger <wd9eka@evinger.com>
To: hamjoel@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155644] Re: on this BPL thing
Message-ID: <3F32422D.4010907@evinger.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

At least the Indiana and Illinois state police also still use frequencies in the mid 40 meg range as well, its not just the county folks.

bob
wd9eka/aar5mg

hamjoel@juno.com wrote:

>fellas iffing ah is hearing u correctly this bpl thing is gonna take out a lot of company fm communications... them high power lines can already knock out a company radio with a lite arching and the power co still be within legal tolerance... ah seen it done... noise level come up and mobiles in the field can't get back to the office... terrible waste...

> so has it been pointed out to the high sheriffs what still be on 30mhz that they an't gonna be able to talk to the possie whan this stuff comes on... maybe homeland security could help us out on this one...

> yea it sounds funny yet its really serious...

>

>

>KE1LA JOEL

>IN MAINE

>FREEZIN

>

>

>-----
>The best thing to hit the internet in years - Juno SpeedBand!

>Surf the web up to FIVE TIMES FASTER!

>Only \$14.95/ month - visit www.juno.com to sign up today!

>

>

>

Date: Thu, 07 Aug 2003 08:25:05 -0400

From: Alex <kr1st@amsat.org>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [155645] Re: OT Discriminator out

Message-ID: <3F324521.BA587D21@amsat.org>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

Hi Larry,

Larry - WA2DGD wrote:

> I saw a scanner that has a "discriminator output" that puts out a baseband
> signal useful for decoding digital and sub audible signals with a computer.

For AFSK (Audio Frequency Shift Keying) signals, like Bell 202 1200 baud packet, you will have to use the regular audio output because an audio tone is shifted in frequency. Packet for instance uses 1200 and 2200 Hz tones.

With FSK (Frequency Shift Keying), like 9600 baud packet or some control channels of a trunked system, the FM carrier is directly shifted (as opposed to an audio tone) so you will need direct access to demodulator/FM discriminator to detect this frequency shift.

Since de-emphasis and pre-emphasis circuits often vary in quality in receivers and transmitters, it may sometimes be better to also use the discriminator output for AFSK signals to restore balance of the tones. If you'd look at a Bell 202 AFSK signal on a scope and notice that the 2200 Hz is significantly lower in amplitude than the 1200 Hz tone, then

you may have better success decoding the signal using the discriminator output where the amplitude of the 2200 Hz tone will be higher because it's before the de-emphasis circuit.

Hope this helps.

73,

--Alex KR1ST

Date: Thu, 7 Aug 2003 13:48:01 +0100
From: M Taylor <mctylr@privacy.nb.ca>
To: Jerry Ford <benlightnd13@mchsi.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155646] Re: OT: Antivirus Software
Message-ID: <20030807134801.A29270@pull.privacy.nb.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Thu, Aug 07, 2003 at 01:47:40AM -0500, Jerry Ford wrote:

>
> " BACKDOOR CORNFLOOD "
>
> So what the heck is Backdoor Cornflood ??

All the major (large) anti-virus companies have free and public indexes to virus (and virus hoaxes) with search feature.

<http://us.mcafee.com/virusInfo/default.asp>
<http://securityresponse.symantec.com/>
<http://www.f-secure.com/virus-info/>
http://www.pandasoftware.com/virus_info/
<http://www.sophos.com/virusinfo/>
<http://www.trendmicro.com/vinfo/>

I don't see anything with backdoor cornflood, but I suspect it was a modified version of a previously known backdoor program such as Sdbot, WinShell, Hale, Lala, or Beasty.dr.

(For anyone on the list who isn't doing this already:)

These 3 steps can help minimize the risks of malicious software,

1. get security updates; for Windows <http://windowsupdates.microsoft.com/> should be visited weekly or use their critical warning notification

2. always run and UPDATE weekly an anti-virus package
3. close unnecessary network ports, by stopping unused network services such as Personal Web Server, P2P file sharing, and/or by using a personal firewall (hardware or software).

Even those of you who are on slow dialup connections should do all of these, even applying those large security fixes from Microsoft, and shut off unused network services.

-ve1mct

Date: Thu, 7 Aug 2003 06:56:21 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "qrp-l" <qrp-l@Lehigh.EDU>, <elecraft@mailman.qth.net>,
"cqc-l" <CQCLIST@yahooogroups.com>
Subject: [155647] Recent band conditions
Message-ID: <003601c35ce3\$4d981550\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Over the past few months I've read on QRP-L, the Elecraft list, and elsewhere, comments about poor band conditions. What accounts for these poor condition?

I know from monitoring the various space weather sites, that several Coronal holes have appeared during the past few months. And there has been a number of Geomagnetic storms. (A result of the particle streams from the holes, and the odd CME).

Is it common to have such activity shortly after a Sunspot Cycle Peak? How long will it last? How does this post Sunspot period compare to previous post-peak periods?

I haven't found anything on the web that answers these questions, nor do I know of any printed literature. Does anybody have a list of references I can review?

73, Rod N0RC

Date: Thu, 7 Aug 2003 09:03:12 -0400
From: "Dean-NR2V/4" <nr2v@northnet.org>
To: <w1rfi@arrl.org>, <qrp-1@lehigh.edu>
Subject: [155648] Could this be the end? (was; BPL in VA)
Message-ID: <001401c35ce4\$422e3810\$03fea8c0@deanlaptop>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Excellent job Ed,
Although very disheartening...
Anyone with ANY interest in radio better step to the plate on this one.
I once live in a neighborhood, that had the noisiest power lines you
could imagine (ie; leaky insulators etc.) They would tear up HF but
NOTHING like this. For some of members on this list that made jokes or
poked fun at this, WAKE UP!!
We will be having qso's with stations across town using "a Gallon" to do
it, if this goes thru.

What can we, as amateurs, do to help?

72/73 Dean

"Boat Anchors" ring a bell?

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf
Of Hare,Ed, W1RFI
Sent: Wednesday, August 06, 2003 12:29 PM
To: Low Power Amateur Radio Discussion
Subject: RE: BPL in VA

ARRL just posted a news story about the tests the League made in four of
the trial areas. This included the City of Manassas visit, although
this was my first visit to that area, so that is the shortest of the
clips. The area where the BPL trial was occurring in Manassas appears to
be all underground wiring and we didn't find any nearby overhead wiring
where I could identify the couplers used to get the signals onto the
distribution lines. Nonetheless, even with underground wiring, the BPL
signals were easily found and heard.

Some parts of Manassas have overhead wiring, and if BPL is deployed in
those areas at signal levels as defined in the present FCC rules, there

is every reason to believe that the resultant signal levels will be as found in the rest of my test results to all nearby receivers tuned to frequencies the BPL system is using. To obtain bandwidth of several MB/s, the BPL system must use many MHz of spectrum, so no matter where these systems operate, it is a question of whose service will be affected, from amateur to shortwave broadcast to the numerous other uses of HF.

The following link to the story contains a link to the video/audio recordings ARRL made to document the testing

<http://www.arrl.org/news/stories/2003/08/08/2/?nc=1>

73,
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

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> -----Original Message-----

> From: Radioham [<mailto:radioham@comcast.net>]

> Sent: Tuesday, August 05, 2003 11:02 PM

> To: Low Power Amateur Radio Discussion

> Subject: BPL in VA

>

>

> On the way to work this AM I heard a brief radio news story

> on BPL being

> introduced to the Manassas City, VA area. Apparently it has
> been tested

> there for about 14 months on a limited basis and they want to

> now make it

> available to a large number of residents. Of course, they
> interviewed one
> enthusiastic resident who said it was really great as he
> could walk around
> with his laptop and plug it in anywhere and get on the net.
>
> Nothing negative was said about interference - just that was
> cheaper than
> other high speed alternatives and was a great choice. One
> thing I have not
> seen mentioned - how bad is the HF interference in areas that
> have all
> utilities underground? Does anyone have experience with that
> situation? The hams in Manassas are going to have a problem
> as virtually
> all the power lines are overhead in that area.
>
> 72/73,
>
> Steve, N4EUK
> Reston, VA
>
>

Date: Thu, 7 Aug 2003 09:18:41 -0400
From: Michael Babineau <michael.babineau@sympatico.ca>
To: qrp-l@Lehigh.EDU
Subject: [155649] re: BPL Threat
Message-ID: <A9B78BD6-C8D9-11D7-BBF8-00039309268A@sympatico.ca>
Mime-Version: 1.0 (Apple Message framework v552)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

I also recommend downloading and viewing the video. Its large at 25Meg
but it really
drives the point home at how serious of a problem this will be if it
goes into
widespread use across NA. If BPL becomes widespread then forget about
QRP ... everyone will need to run a kilowatt to work across town.

I echo Mike, NX7E's question ... what about the other users of the HF
spectrum
Government agencies, Homeland security, the military, commercial air

traffic,
Shortwave Broadcasters and listeners ... presumably they all stand to
lose
as much as us Hams and surely the FCC et al will listen to them.

Michael VE3WMB

Date: Thu, 7 Aug 2003 09:18:03 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <pcarter@gcfn.org>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155650] Re: Why 11 metre Morse
Message-ID: <004501c35ce6\$566ca4e0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> No code Techs CAN operate CW, but ONLY in the bands they are allowed to
> operate.

True, but try to find equipment that works CW on any no-code tech
allowed frequencies. It's not the norm, and quite expensive, relatively
speaking.

I STILL think no-code techs should be allowed on the NOVICE
CW portions of any band.

Date: Thu, 7 Aug 2003 09:20:01 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <mctylr@privacy.nb.ca>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155651] Re: OT: Antivirus Software
Message-ID: <004d01c35ce6\$9cbef6a0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

" BACKDOOR CORNFLOOD "

Perhaps the software recognizes this as a 'generic' infection, but it's one of those things where once recognized, the name is actually pulled from the infection itself?

Date: Thu, 07 Aug 2003 09:23:26 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155652] Re: Could this be the end? (was; BPL in VA)
Message-ID: <3F3252CE.62B2766B@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Dean-NR2V/4 wrote:

> We will be having qso's with stations across town using "a Gallon" to do
> it, if this goes thru.

Perhaps we may have some unsuspected allies here. :)

73,
--Alex KR1ST

Date: Thu, 7 Aug 2003 09:07:52 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155653] Re: Why 11 metre Morse
Message-ID: <200308070907.52483.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

I think this won't matter shortly as more bands will be open to techs soon when cw is removed as a license requirement.

Sigh

Bob

On Thursday 07 August 2003 08:18 am, Mike Yetsko wrote:

> > No code Techs CAN operate CW, but ONLY in the bands they are allowed to
> > operate.
>
> True, but try to find equipment that works CW on any no-code tech
> allowed frequencies. It's not the norm, and quite expensive, relatively
> speaking.
>
> I STILL think no-code techs should be allowed on the NOVICE
> CW portions of any band.

Date: Thu, 7 Aug 2003 10:06:27 -0400 (EDT)
From: Philip L Carter <pcarter@gcfn.org>
To: Mike Yetsko <myetsko@insydesw.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [155654] Re: Why 11 metre Morse
Message-ID: <Pine.3.07.10308071025.A4524-91000000@acme>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

We have CW training nets at least once a week here in the Columbus Ohio area. They are quite popular. It doesn't have to be A1a transmission. All mode 2M rigs really aren't all that uncommon.

NRE/COLE Test Center OH-3
pcarter@gcfn.org or wd8qwr@arrl.net
Philip L. Carter, WD8QWR
wd8qwr@w8cqk.#cmh.oh.usa.na

Date: Thu, 07 Aug 2003 10:46:10 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [155655] Re: Could this be the end? (BPL)
Message-ID: <3F326632.925D6183@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

I don't think this will be the end. In fact, I actually have good hopes that BPL will not become a success. I think the field trials will show (as it has shown in other places around the world), that it is

technically feasible, but not economically.

Instead of mainly focussing on interference, I've tried approaching it from the other side to see how much of a thread BPL really is, by looking beyond the generic "big money" statements that are being made in so many places.

The core business of power companies is selling electricity. They will have to determine if it is economically interesting enough for them to enter this, for them, niche market where there are already plenty of competitors.

Right from the start they are at a disadvantage. Other companies already have established a customer base. The power company is not offering anything new, so they will have to focus on switching people from high speed cable or ADSL services to their service. In order to do that they will have to create an incentive package as the competition already offers such packages and can, and surely will, offer better ones. The cable companies already combine their high speed access with an attractive TV package, and phone companies do the same by bundling phone services with their (A)DSL offers. Don't dismiss these types of offerings, they are incredibly powerful tools to work with.

Yet, they still have to take the first hurdle, which is a legislative one. This works in their disadvantage as it will slow down market entrance and penetration. All the more time for the competition to gear up for a fight so to speak. Even if the FCC would give the ok to BPL, this legislative process could take long enough to help diminish the projected return on investment to a point that it's not an interesting opportunity anymore.

So would a power company be willing to dive into this market and take all the risk? I don't think so. I think the power companies will leave the risk with the smaller startup companies that develop(ed) BPL and simply lease their lines, if anything. That would keep investment and risk at a minimum. They could also lease their billing, collecting and customer service facilities to these companies, as these rather small companies can not afford to set up their own facilities for any type of mass market. Of course BPL also requires an extra effort of the power companies to assure that their facilities operate within certain parameters.

And then there's a new threat for them at the horizon. Wireless Services. Maybe now still in its infancy, but you can bet the farm on it

becoming available everywhere where there are masses of people; the same places where the power companies would need to make their profit.

"Available everywhere" sounds like a good argument for BPL, but can only be truly implemented by wireless services and it will actually mean something.

You think the cellular phone companies are not looking into how their facilities could offer such services? They are where the people are, they already have the sites. They have the necessary customer service facilities already in place. They need the technology, which we all know of it's just a matter of time. They can offer huge incentive packages by combining many services. Once this takes off, BPL has even less to offer comparatively and becomes less attractive.

I'm especially encouraged by the fact that a BPL trial has failed in a market (country) where I know that technology will be adopted quickly if offered at a reasonable price. I think potential investors will be looking at new markets, not at more of the same where the ROI will be low and slow.

So what else can you do? Purchase (A)DSL and cable and make a promise them not to switch services. :)

73,

--Alex KR1ST

Date: Thu, 7 Aug 2003 08:54:42 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [155656] re: BPL Threat
Message-ID: <20030807.085742.-426893.0.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The concerned agency for all federal users is NTIA - they are the same ones that caused the channelization of the new 60 meter segments. I've not heard any word as to their concern but hopefully they are pushing to keep it from happening. I am surprised that they got it going in the northern Virginia area, what with the CIA, FBI, DEA and other HF facilities scattered about. And most of the operators of those systems know little about nor how to use noise blankers and notch filters on their equipment - if it is so equipped. Most

government stuff, tho outrageously expensive, does not contain these little accessories and of course are more susceptible to noise situations.

I still have the question lingering of why, with the push to implement and ignoring the many concerns, if some financial arrangement was not in the process. If so then the FBI should be concerned with a public corruption matter. If they will take on a local judge for ticket fixing, something of this magnitude should really get them going. Those in contact with their congressional reps might want to put such a suggestion forward.

73

Ray

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78
fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Thu, 7 Aug 2003 10:58:59 -0400
From: K7VO <k7vo@earthlink.net>
To: <nr2v@northnet.org>, qrp-l@lehigh.edu
Subject: [155657] Re: Could this be the end? (was; BPL in VA)
Message-ID: <20030807105859.566a6df6.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Thu, 7 Aug 2003 09:03:12 -0400
"Dean-NR2V/4" <nr2v@northnet.org> wrote:

Hi, Dean, and everyone else,

> Anyone with ANY interest in radio better step to the plate on this
> one. I once live in a neighborhood, that had the noisiest power lines
> you could imagine (ie; leaky insulators etc.) They would tear up HF
> but NOTHING like this. For some of members on this list that made
> jokes or poked fun at this, WAKE UP!!

Yep. Progress Energy has already tested BPL around 13 miles from here.
I went into that neighborhood with a Mizuho 15m HT. No fun.

It gets worse. All BPL tests conducted so far comply with Part 15 power

limitations. The electric utilities want to run at least 10 times that much power.

> We will be having qso's with stations across town using "a Gallon" to
> do it, if this goes thru.

No, we won't, because we'd disrupt everyone's internet service. The FCC will clamp down on us hard. BPL, if rolled out on a widespread basis, is the end of HF and 6m as we have known them. Provided the FCC doesn't sell our VHF and UHF bands to commercial interests all of my ham radio activity would be on 144MHz and above. DX would be limited to satellite, IRLP/Echolink, and perhaps, if advances in digital technology permit, 2m multihop or meteor scatter to Europe on very rare occasions. The last is theoretically possible but has never been done.

> What can we, as amateurs, do to help?

Here is what I have done so far:

1. Renewed my ARRL membership
2. Filed comments with the FCC

Here is what I will do in future:

1. File comments to some of the comments already filed in areas where I have some expertise and can add something cogent.
2. When I get back to work and finances get straightened out I will send a donation to ARRL's fund to protect our radio spectrum, both for fighting BPL and for fighting commercial threats to our VHF/UHF spectrum.
3. Write the major ham radio manufacturers and shortwave manufacturers letting them know that I will be postponing any and all purchases until such time as this issue is resolved, and also letting them know that if BPL goes through they will lose this business forever. The manufacturers have been silent on this.
4. If and when the ARRL tells me it's appropriate I will write to my congressional representatives.

My original intention when I started selling things to keep my head above water financially was to downgrade my HF and 6m station. Well... instead I am not replacing anything and not spending a penny on anything below 144MHz.

You see, I believe BPL is coming whether I like it or not. Mind you, I am going to fight against it tooth and nail, and I do not believe it is a 100% done deal. I do believe, however, that if the ham community does not unite in record numbers behind the ARRL and if the ARRL does not successfully unite with other affected services to put enough pressure

to block this, we are doomed. I see squabbling in the ham community so far, not unity.

It is theoretically possible to have some form of BPL that protects ham frequencies. I think that, plus a moderate increase in interference, is the best we can hope for. The fact that BPL is inferior to other broadband technologies already out there, and the fact that it is unlikely to reach the rural customers who do not have broadband available now does not seem to be slowing the FCC one bit.

I am keeping some ham equipment. At the very least my 6m base rig is staying (that's my favorite band) as are QRP rigs for 10, 15, and 40 meters at the least, and possibly 17 and 20 meters as well. I am not giving up. I am fighting. However, what dollars I was going to use for a replacement HF rig are going into 432MHz right now, or into bills and an even smaller investment in ham radio.

Yes, I'm pessimistic, but that doesn't mean that I am ready to concede anything.

72/73,
Caity
K7V0

Date: Thu, 7 Aug 2003 11:07:49 -0400
From: "Garey Barrell" <k4oah@mindspring.com>
To: <mctylr@privacy.nb.ca>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155658] Re: OT: Antivirus Software
Message-ID: <009701c35cf5\$aad785e0\$6401a8c0@hp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good advice....

An excellent site for testing your port "insecurity" is at:

<http://grc.com/default.htm>

There is an excellent tutorial on the problem, and easy to follow instructions for closing these "windows to the world" in your computer.

73, Garey - K40AH

Atlanta

----- Original Message -----

From: "M Taylor" <mctylr@privacy.nb.ca>

>

> 3. close unnecessary network ports, by stopping unused network services
> such as Personal Web Server, P2P file sharing, and/or by using a personal
> firewall (hardware or software).

>

> Even those of you who are on slow dialup connections should do all of
> these, even applying those large security fixes from Microsoft, and shut
> off unused network services.

>

> -ve1mct

Date: Thu, 7 Aug 2003 11:08:35 -0400

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [155659] RE: BPL Threat

Message-ID: <721D3436A7C2B344A301FD4A413C71A9016F3748@kosh.arrlhq.org>

content-class: urn:content-classes:message

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

There is also a smaller version for download.

If you go to <http://www.arrl.org/tis/info/HTML/plc/#video> you can =
download a number of videos and sound recordings made by IARU societies =
around the world.

73,=20

Ed Hare, W1RFI

ARRL Lab

225 Main St

Newington, CT 06111

Tel: 860-594-0318

Internet: w1rfi@arrl.org

Web: <http://www.arrl.org/tis>

ARRL is the National Association for Amateur Radio. It is supported by =
membership dues, individual contributions and the sale of publications =
and advertising. For more information about ARRL, go to =
<http://www.arrl.org/news/features/inside-your-league.html>. For more =

information about membership, go to <http://www.arrl.org/join.html>. Your contribution can also help support ARRL's ongoing efforts to protect Amateur spectrum. Go to <https://www.arrl.org/forms/development/donations/basic/> to learn more about the ways you can support the ARRL programs and activities of most importance to you. You can help ARRL protect Amateur Radio for you and future generations to enjoy.

> -----Original Message-----

> From: Michael Babineau [mailto:michael.babineau@sympatico.ca]

> Sent: Thursday, August 07, 2003 9:19 AM

> To: Low Power Amateur Radio Discussion

> Subject: re: BPL Threat

>=20

>=20

>=20

>=20

> I also recommend downloading and viewing the video. Its large=20

> at 25Meg=20

> but it really

> drives the point home at how serious of a problem this will be if it=20

> goes into

> widespread use across NA. If BPL becomes widespread then forget about

> QRP ... everyone will need to run a kilowatt to work across town.

>=20

> I echo Mike, NX7E's question ... what about the other users of the HF=20

> spectrum

> Government agencies, Homeland security, the military, commercial air=20

> traffic,

> Shortwave Broadcasters and listeners ... presumably they all stand to=20

> lose

> as much as us Hams and surely the FCC et al will listen to them.

>=20

> Michael VE3WMB

>=20

>=20

Date: Thu, 7 Aug 2003 11:10:51 -0400

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [155660] RE: BPL in VA

Message-ID: <721D3436A7C2B344A301FD4A413C71A9016F3749@kosh.arrlhq.org>

content-class: urn:content-classes:message

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

The house wiring is indeed an antenna, but it is not as good as those = great big longwire antennas up high and in the clear. Of course, this = just means that the BPL system could, if it wishes, crank up the power = until it operates at the FCC limits. Systems #3 and 4 in the video were = just about at the FCC limits.

73,=20

Ed Hare, W1RFI

ARRL Lab

225 Main St

Newington, CT 06111

Tel: 860-594-0318

Internet: w1rfi@arrl.org

Web: <http://www.arrl.org/tis>

> -----Original Message-----

> From: Tim Groat [mailto:tcgroat@earthlink.net]

> Sent: Wednesday, August 06, 2003 11:39 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: BPL in VA

>=20

>=20

> I wouldn't expect underground utilities to help much. The signal goes=20

> through the unshielded house wiring (note the phrase "plug it in=20

> anywhere"). The house wiring acts as an antenna, passing=20

> interference into=20

> and out of the BPL system. Even if the line in the back yard isn't a=20

> problem, all the cables in the walls and attics provide=20

> multiple points of=20

> RF egress and ingress.

>=20

> 72,

>=20

> --Tim (KR0U)

>=20

> >Radioham <radioham@comcast.net>:

> >

> >On the way to work this AM I heard a brief radio news story=20

> >on BPL being

> >introduced to the Manassas City, VA area. Apparently it has=20

> >been tested

> >there for about 14 months on a limited basis and they want=20

> >to now make it

> >available to a large number of residents. Of course, they=20
> interviewed one
> >enthusiastic resident who said it was really great as he=20
> could walk around
> >with his laptop and plug it in anywhere and get on the net.
> >
> >Nothing negative was said about interference - just that was=20
> cheaper than
> >other high speed alternatives and was a great choice. One=20
> thing I have not
> >seen mentioned - how bad is the HF interference in areas=20
> that have all
> >utilities underground? Does anyone have experience with that
> >situation? The hams in Manassas are going to have a problem=20
> as virtually
> >all the power lines are overhead in that area.
>=20
>=20
>=20

Date: Thu, 7 Aug 2003 11:12:27 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [155661] RE: Speaking against BPL, plus obQRP
Message-ID: <721D3436A7C2B344A301FD4A413C71A9016F374A@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

If you are having that kind of power-line noise, let's help. Contact =
Mike Gruber, W1MG@arrl.org, and he can get your case into the process =
ARRL uses cooperatively with the FCC to resolve power-line noise. So =
far, about 60% overall success rate, a 1000% improvement over what would =
have happened 5 short years ago.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----

> From: William R Colbert [mailto:w5xe@juno.com]

> Sent: Wednesday, August 06, 2003 11:36 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: Speaking against BPL, plus obQRP

>=20

>=20

> I went to hear/see the video that Ed made for

> ARRL. I am not sure, with my situation here,

> that I would be able to hear much increase=20

> in noise - my noise level sits at s9 from 18 mhz

> down, increasing to about 35 over S9 on 80.

> Frequent Emails and occasional calls to the power

> company have not alleviated the situation over the

> past 10 + years. So, should such a monstorous

> system such as BPL come about here, I have no

> hope that the power company would or even could

> keep it to a non-interference basis. =20

>=20

> thanks Scott - nice comments, concise and direct.

> If only the ones involved will pay heed.

>=20

> 73

> Ray

> "Politicians are like nappies. Both should be=20

> changed regularly -- and for the same reason"

> "Scotsman - Scotsman's Diary 12/97"

> Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78=20

> fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

>=20

Date: Thu, 7 Aug 2003 11:13:03 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <pcarter@gcfn.org>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [155662] Re: Why 11 metre Morse

Message-ID: <001801c35cf6\$672fc540\$0200a8c0@charter.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> We have CW training nets at least once a week here in the Columbus Ohio

> area. They are quite popular. It doesn't have to be A1a transmission.

True enough. And yes, it's easy to just use 'audio tones' for morse. But the very environment of a 'practice net' is intimidating to some people. It's ok for people starting out, IF they 'keep up', but every single net VERY quickly turns intimidating to those who don't keep up. And it's rare indeed for someone who USED to do CW to step back into one of the nets the way they are run. How to change it? I don't know the answer there. I hope someone does.

> All mode 2M rigs really aren't all that uncommon.

Come on! Have you priced one lately compared to an FM rig?

Date: Thu, 7 Aug 2003 11:15:35 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155663] RE: Speaking against BPL, plus obQRP
Message-ID: <721D3436A7C2B344A301FD4A413C71A9016F374C@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Nearly?

73,=20
Ed Hare, W1RFI

> -----Original Message-----
> From: Scott Rosenfeld [N7JII] [mailto:ham@w3eax.umd.edu]
> Sent: Wednesday, August 06, 2003 9:11 PM
> To: Low Power Amateur Radio Discussion
> Subject: Speaking against BPL, plus obQRP
>=20
>=20
> Hi everyone...
>=20
> ObQRP...
>=20
> Imagine a band with THAT much noise as demonstrated by ARRL?
>=20
> QRP would be nearly impossible.
>=20
> --=20

> Scott Rosenfeld ARS N7JI
> 541-684-9970 Eugene, OR Land o' much rain
> If you find me on the air, I'm probably in my car
> ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>
>=20
>=20

Date: Thu, 7 Aug 2003 11:18:15 -0400
From: K7VO <k7vo@earthlink.net>
To: w9ya@arrl.net, qrp-l@lehigh.edu
Subject: [155664] Re: Why 11 metre Morse
Message-ID: <20030807111815.13569aa5.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Thu, 7 Aug 2003 09:07:52 -0500
w9ya <w9ya@arrl.net> wrote:

> I think this won't matter shortly as more bands will be open to techs
> soon when cw is removed as a license requirement.

The whole CW argument will be moot if BPL happens. HF and CB bands will all be useless. Jim Haynie has made very clear that the CW debate has become a back burner issue for the ARRL while the BPL threat remains.

Honestly, right now lifting the CW requirment is probably more important than ever. We need to swell our numbers as much as possible to have the strongest possible lobbying effort.

73,
Caity
K7VO

Date: Thu, 7 Aug 2003 08:19:46 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>, Travis Selk KM6QJ <km6qj@pacbell.net>, Denis Englander <ko6gf@sbcglobal.net>
Subject: [155665] Matching 1/2 wave verticals with ladder line
Message-ID: <20030807151946.81807.qmail@web20421.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

After reading at various places that feed lines can transform

impedences to other values I decided to take a look. Using EZNEC I got the impedences for 7 and 14mhz half wave verticals. Using TL.EXE I calculated what lengths of 450 ohm ladder line would be needed to transform their high impedences when fed at the base to something close to 50 ohms. Here's what I came up with.

Half Wave Vert.	450	New Impedence
7mhz 4090 + J 1045	35	59.5
14mhz 2387 + J 1576	50	61

I'm sure that in the real world these lengths will be a little different.

73!

Jeff

=====

AB6MB
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798, Fanatic A's fan #1

Date: Thu, 07 Aug 2003 11:30:09 -0400
From: "Charles Mabbott" <aa8vs@msn.com>
To: qrp-l@Lehigh.EDU
Subject: [155666] Re: Why 11 metre Morse
Message-ID: <BAY5-F3l4maEqxGGmNN0001fejd@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hang in there, when the rules change they can.

73 oo
Chuck AA8VS

"Whoever said the pen is mightier than the sword obviously never encountered automatic weapons."

<http://68.43.100.7:81/aa8vs>

>From: "Mike Yetsko" <myetsko@insydesw.com>
>Reply-To: myetsko@insydesw.com
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Re: Why 11 metre Morse
>Date: Thu, 7 Aug 2003 09:18:03 -0400
>
> > No code Techs CAN operate CW, but ONLY in the bands they are allowed to
> > operate.
>
>True, but try to find equipment that works CW on any no-code tech
>allowed frequencies. It's not the norm, and quite expensive, relatively
>speaking.
>
>I STILL think no-code techs should be allowed on the NOVICE
>CW portions of any band.
>
>

STOP MORE SPAM with the new MSN 8 and get 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Thu, 7 Aug 2003 11:43:30 -0400
From: K7VO <k7vo@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [155667] Items sold, still available
Message-ID: <20030807114330.7ad71dea.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi, everyone,

The Mizuho MX-21S and the Icom IC-2330A are sold.

The Mizuho MX-15 and PL-15 combo is still available, as are the Radio Shack HTs. Anything not sold by then will be at the Fayetteville, NC hamfest on Saturday.

72/73,
Caity
K7VO

(who prefers not to use eBay)

Date: Thu, 07 Aug 2003 11:43:31 -0400
From: "Charles Mabbott" <aa8vs@msn.com>
To: khyberpass65@yahoo.com, qrp-1@Lehigh.EDU
Subject: [155668] Re: Morse on 11 meters - another take
Message-ID: <BAY5-F36SxKlQWQowUJ00011389@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

No one who has passed the code test should be to embarrassed to get on the air. We currently do not test sending.....I understand they did at one time. Since copying, as we know, is a learned skill but so is sending. I am happy to work anyone who is legally on the band. My fist was [some say still is] rough when I started and a lot of Elmer types took the time to work me. I am happy to work anyone for the same reason.

73 oo
Chuck AA8VS

"Whoever said the pen is mightier than the sword obviously never encountered automatic weapons."

<http://68.43.100.7:81/aa8vs>

>From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>
>Reply-To: khyberpass65@yahoo.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: Morse on 11 meters
>Date: Wed, 6 Aug 2003 17:03:17 -0700 (PDT)
>
>--- Charles Mabbott <aa8vs@msn.com> wrote:
>
> > The only reason I see is you need to have passed the code for 30, 40,
> > or 80
> > to get on and practice. Did I miss something, I thought it was folks
> >
> > practicing in order to pass the code test???? Or just wanting to
> > play at
> > code and not have to worry about the test part.
> >

> > 73 Chuck AA8VS
>
>Perhaps you're correct Chuck. I may have missed some earlier posts on
>this thread failing to realize that he didn't already have his 5 wpm.
>
>I thought he had indicated that he might be embarrassed (or something
>to that effect) at his slower code speed and needed the practice in
>order to bring it up to snuff. My mistake. Back in my hole. HI
>
>72, Gary -K8KFJ-
>
>
>-----
>Do you Yahoo!?
>Yahoo! SiteBuilder - Free, easy-to-use web site design software
><http://sitebuilder.yahoo.com>

The new MSN 8: advanced junk mail protection and 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Thu, 7 Aug 2003 11:52:46 -0400 (EDT)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: Michael Babineau <michael.babineau@sympatico.ca>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155669] re: BPL Threat
Message-ID: <20030807114520.M84252-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 7 Aug 2003, Michael Babineau wrote:

> I echo Mike, NX7E's question ... what about the other users of the HF
> spectrum
> Government agencies, Homeland security, the military, commercial air
> traffic,
> Shortwave Broadcasters and listeners ... presumably they all stand to
> lose
> as much as us Hams and surely the FCC et al will listen to them.

It strikes me with as much at stake for a large number of groups, and
what appears to be an FCC attitude of "Like it or Go Away", it behooves
all of who use the HF spectrum to ask our employees to go to bat in our
behalf.

Our Employees? Yep, the elected representatives who we elect and pay.

I'm going to track the responses and actions....and will make it clear to my employees that if they don't do their job correctly, I'll work towards their change in job status.

If anyone else goes through the steps...I'll be happy to maintain a running scorecard on the QRP web ring page.

The other alternative to getting the employees involved is to "relax and renjoy it", but I'm really not passive enough to get raped by the power companies and the FCC.

73,

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>
<http://www.tlchost.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring and DrakeList
Web Hosting as low as \$3.49/month

Date: Thu, 7 Aug 2003 11:06:38 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Mike Yetsko <myetsko@insydesw.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [155670] Re: Why 11 metre Morse
Message-ID: <Pine.LNX.4.33.0308070848300.9140-1000000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 7 Aug 2003, Mike Yetsko wrote:

> I STILL think no-code techs should be allowed on the NOVICE
> CW portions of any band.

I used to disagree, but with the lifting of the international Morse requirement I am starting to think this would be an excellent idea. It's a middle ground that allows HF access to tech class licensees who would otherwise not have it, while not opening up HF voice to anyone who can pass what most agree is the simplest of tests. It's using the Novice segments the way they used to be, for raw newbies to learn in their own sandbox.

There's a case to be made that even that test **should** be sufficient, since it does cover some basic rules and regulations by which everyone should abide. However, since we're pretty much self-policing (or supposed to be), it's my own humble opinion that it would be a good thing to ease the newbies we so badly need into HF in a way that will encourage them to learn the ropes, so to speak, before being turned loose on 75 or 20 phone with a kilowatt and a half. The alternative would be a strong and active role played by the FCC in monitoring and enforcement -- as was the case a few decades ago -- but the FCC has made it abundantly clear that they don't want to do that, and indeed cannot do it with their current level of funding and support. That's fine, as long as we actually DO self-police. If they won't and we don't, the days of what we know as Amateur Radio are numbered. RF spectrum is increasingly being seen as a revenue generating resource to be used to raise money, and we'd better pay attention to being worth what some perceive as unrealized revenue.

Just my opinion.

72,

Dale - N0XAS

--

It's a thankless job, but I've got a lot of Karma to burn off.

PicoKeyer is available for the Rock-Mite! <http://www.hamgadgets.com>

Date: Thu, 7 Aug 2003 12:26:58 -0400
From: K7VO <k7vo@earthlink.net>
To: kr1st@amsat.org, qrp-1@lehigh.edu
Subject: [155671] Re: Could this be the end? (BPL)
Message-ID: <20030807122658.4768d0e2.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Thu, 07 Aug 2003 10:46:10 -0400
Alex <kr1st@amsat.org> wrote:

> So would a power company be willing to dive into this market and take
> all the risk? I don't think so.

Considering the fact that it is already being rolled out on a trial basis, and considering all the news reports that are basically commercials for the service, I think, sadly, that you are 100% wrong.

As I said, we need to unite behind the ARRL and fight this thing. If

not, IMHO, we are doomed, if not immediately, then when the next threat comes along.

73,
Caity
K7VO

Date: Thu, 7 Aug 2003 12:28:35 -0400
From: K7VO <k7vo@earthlink.net>
To: w5xe@juno.com, qrp-1@lehigh.edu
Subject: [155672] Re: BPL Threat
Message-ID: <20030807122835.5bbcc160.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Thu, 7 Aug 2003 08:54:42 -0600
William R Colbert <w5xe@juno.com> wrote:

> The concerned agency for all federal users is
> NTIA - they are the same ones that caused the
> channelization of the new 60 meter segments.
> I've not heard any word as to their concern but
> hopefully they are pushing to keep it from
> happening.

NTIA issued a statement that was very positive about and supportive of BPL. I can find the link on eHam if you want. We cannot count on support from that corner if we don't make a strong case about the effect on governmental agencies.

72/73,
Caity
K7VO

Date: Thu, 7 Aug 2003 10:33:14 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "qrp-1" <qrp-1@Lehigh.EDU>, <elecrafft@mailman.qth.net>,
"cqcl-1" <CQCLIST@yahoogroups.com>
Subject: [155673] Re: Recent band conditions
Message-ID: <00f101c35d01\$99e1d310\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Folks,

Considering the answers received so far, and reconsidering my question(s), what I am really after is the "Solar Physics" side of the question. I have a pretty good handle on how various solar phenomena affects HF radio propagation. What I'm interested in learning more about, is why so much coronal hole and other activity...etc., and comparing it to previous post sun-spot peaks. Event durations, intensity, frequency of occurrence....

73, Rod N0RC

----- Original Message -----

From: "Rod N0RC" <rod@n0rc.us>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Thursday, August 07, 2003 6:56 AM

Subject: Recent band conditions

...

> I know from monitoring the various space weather sites, that several
> Coronal holes have appeared during the past few months. And there has
> been a number of Geomagnetic storms. (A result of the particle streams
> from the holes, and the odd CME).

>

> Is it common to have such activity shortly after a Sunspot Cycle Peak?
> How long will it last? How does this post Sunspot period compare to
> previous post-peak periods?

>

...

Date: Thu, 7 Aug 2003 12:39:11 -0400

From: Arthur Tan <ab4rl@lomag.net>

To: qrp-l@lehigh.edu

Subject: [155674] SuSE 8.2 pro cd's (gone)

Message-ID: <20030807163911.GF76038@shell.lomag.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Disposition: inline

Hi,

The two sets have been spoken for (you guys are quick!). Sorry I couldn't have more copies available at this time.

73, Art AB4RL

Date: Thu, 07 Aug 2003 13:08:16 -0400
From: James Stamper <jstamper@shentel.net>
To: qrp-1@Lehigh.EDU
Subject: [155675] New BLT Kit Preliminary Review
Message-ID: <5.2.1.1.2.20030807124128.00b3c458@pop.shentel.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I built the original BLT and it worked. But it has a clear plastic top for the case and my construction was way beyond ugly. I managed to solder together the case from PCB but the assembled unit is very light and wants to crawl all over the operating table.

So I ordered one of the new versions and it arrived this week. I have done the parts inventory but have not yet started construction.

The case looks great! There is a small board for the SWR bridge's toroid and other components. It mounts in the case on a single standoff and will enable a much neater construction. The big toroid has a solder lug to put on the center tap and screw to the case. Small but useful improvement.

There is no paperwork with the kit. The manual is on one of those miniature compact disks. I had never seen one before but was surprised to learn the drawer on my (rather old) computer has a convex place in its center where the little disk fits nicely--and the computer reads it just fine. It is a very large file because there are a great many photographs--one for just about every step of the construction.

Anyhow, this kit looks like a definite winner to me. It is especially good for the Rock-Mite or Tuna Tin because when you are tuning the transmitter always "sees" 50 ohms. A very good feature if you have ever melted a 2N2222.

For people who worry about winding toroids my windings on the original BLT are pretty sloppy but it works OK. Don't be intimidated.

I have a magnifier stand with a couple of fairly large, positionable alligator clips. For my latest project (with lots of toroids) I have been putting a couple of turns on the toroid and securing it in one of the alligator clips. Each time I pass the wire through the center I make a tick mark on a pad. Takes longer but saves trouble when I have a senior

moment and lose my count.

73,
jim-
KG4LDY

Date: Thu, 07 Aug 2003 12:14:00 -0500
From: "Michael Melland, W9WIS" <w9wis@charter.net>
To: k7vo@earthlink.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [155676] Re: Could this be the end? (was; BPL in VA)
Message-ID: <003d01c35d07\$4ce3af10\$4986e98d@winad.it.uwosh.edu>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Caity,

Great thoughts on the BPL situation Caity ! And I couldn't agree more with you. I also believe that amateur radio operators better wake up and unite or all might be lost.

Just think... hundreds of letters, phone calls, faxes and man hours dealing with factions arguing over cw requirements and the best part of the entire hobby may be eliminated by BPL sneaking in the back door.

I think we better be looking at the "Big Picture" here...

Mike, W9WIS

Date: Thu, 07 Aug 2003 18:25:58 +0100
From: Chuck Adams <k7qo@commspeed.net>
To: qrp-l@lehigh.edu
Subject: [155677] Metric Rules [Manhattan pads]
Message-ID: <5.2.1.1.0.20030807181843.00b92410@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

The other day I gave away to a friend of mine all of my Manhattan pads that

I had pre-punched and stored in a pill bottle.

So, last night I was making up another batch from a 30cm by 30cm board.

In the article in the new issue of Homebrewer you'll see that I use a 5" drill press vise that I bought at Harbor Freight with the hand punch as a setup for punching pads pronto. One of things that I do is use a Sharpie marker to make uniformly spaced dots along one edge as a guide for spacing. This wasn't in the article.

I first used a large ruled index card and used the spacing between the lines to mark the PC board. After doing three rows of pads I couldn't help but notice that there seemed to be some more area that I could use for pads. So I sheared the board to remove the punched area. Then using a small ruler I made dots every 0.5cm or 5mm along the edge. This time I got 25% more pads in the same area.

Goes to show you. Metric rules. Just another hint and kink for the Manhattan builders.

FYI

P.S. Pad sizes are 2.5mm in diameter. You can get over 3,000 pads from a 30cm by 30cm board. That's a lot of gluing and soldering to use them all up. :-)

For those that prefer rectangular pads. I would like to see one of the machinists on this group come up with a nibbler like the hand punch but make the rectangular area slightly wider than the commercial nibbler. Is it that difficult to do? A flat area with edge to slide board along and nibbler takes uniform area for each punch along the edge. One armed lever with enough leverage to do hard materials like the fiberglass boards. But small enough to fit on a desk or bench without taking up a lot of room. Like a paper cutter.

Chuck Adams K7QO k7qo@commspeed.net
<http://www.qsl.net/k7qo> CP-60

Date: Thu, 07 Aug 2003 13:25:45 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155678] BPL: What we can do [long]
Message-ID: <3F328B99.4D730373@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang--

Many thanks to Ed and the ARRL for bringing this issue into the clear light of day and showing just how threatening this technology is to our ability to be effective. The ARRL's formal objection to BPL filed with the FCC is one of the more potent weapons to keep this technology on the lab table. But the current environment at the FCC is worrisome, though Chairman Powell has gotten himself in some deep waters with recent decisions. The political environment may damper his enthusiasm for all new technologies that big business can reap millions with, but we can't count on that. And in DC, there are formal processes, and informal processes. I think we can impact the later.

There are positive things that can be done. If every member of the list would just do one or two of the following actions, we may be able to "assist" the FCC in making a responsible decision.

1. Get the word out in the amateur community. If you are members of other lists, pass along the need to see the stuff Ed has prepared. If there is a local club, get word to the president or other officer about the need to bring this before their membership. If you are an occasional check-in into SKYWARN, ARES/RACES, Civil Air Patrol, etc. make sure to pass the word along to them as well. Also any nets, esp. ones on hf.

I find you folks on qrp-1 are usually vastly better informed about new technologies than nearly any other group of ops. We can't assume that other groups know as much as we do--esp. since we get the word straight from Ed!

Hopefully this will galvinize others to write the FCC, send bucks to the ARRL, etc. If this gets approved, the League will need to sue, and that will be expensive. They can call their congressional reps offices and voice concerns. While the matter is not before Congress, a few calls about "what are you guys doing at the FCC?" from congressmen and who knows what could happen. They're already tired of Powell's tenure from the battles over the last several months.

2. If you have had contact with local emergency officials, police or fire communications officers, etc. take the time to make a call, send a letter, get them on board. Their communications abilities on hf are threatened as much as ours, but chances are good they've never heard about this coming before the FCC for approval. Many of the local associations are members in larger national agencies (such as the National 911 Administrators) and can press their organizations to voice their opposition to the FCC or other agencies.

3. If your corporation uses any form of hf communications, or if you are involved in military services in any way, bring this to the attention of the folks responsible for communications. Again, we cannot assume all services that rely on hf have been made aware of this proposal and its potential interference.

4. There are some major bureaucrats who can weigh in against this proposal. One has already warned of the need to address interference:

Nancy J. Victory, Administrator, National Telecommunications and Information Administration, US Dept. of Commerce, 1401 Constitution Ave. NW, Washington DC 20230. These (NTIA) are the folks who nixed a general slot on 60m for the amateur service, and this office coordinates frequency allocations, insuring the government gets what they need. She applauded the FCC's initiative in promoting the BPL technology but warned about interference issues.

Fred Herr, Chief, Critical Infrastructure Protection Division, National Communications System, Arlington VA 22204

The NCS became an integral part of the Dept. of Homeland Security, whereas earlier it was under the Dept. of Defense. Kind of a shadowy operation (took me forever to find a mailing address) but this office is supposed to guard our communications abilities in the event of emergencies. With all the realignments lately, it's not clear how this office relates to NTIA, but I figure it can't hurt for either office to be made aware of the interference BPL generates.

5. Check your investment funds and you'll probably find they have holdings in one of the companies currently testing BPL. You can find the companies in the info Ed has at the website. Progress Energy and Southern Telecom are two that rang a bell in my head. Write to the CEO as a "concerned investor," asking them to carefully assess the company's exposure to liability in pursuing a technology that creates so much interference.

These guys work with cost/benefits analyses when making decision. It may be, as Alex has suggested, the competing services are too well

entrenched to make this a worthwhile investment. But we can stir some concerns about potential costs in going ahead with the technology, and maybe tip the scale more to our liking. Wouldn't it be great if no companies wanted to pursue the proposal?

In any communication with folks, stick to the facts---pass them along to the ample evidence Ed has gathered at the TIS site on BPL on the ARRL website. Use facts to show how the recipient's ability to function (not just our's as hams) will be limited. For example, in my letters to NTIA and NCS, I'll point out that Finnish officials flatly rejected further consideration of BPL after field tests. What did the Finns see as incompatible with existing services in this technology?

You can bet the Power Companies have already been talking to "strategic" folks. But there are more of us than them, and I imagine interests from the phone and cable side of broadband services would love to join with us in suggesting this is an inappropriate technology.

Oh, and those involved in the information tech side of the economy may want to contact some of the electronic privacy groups. You can use your dual position as an information tech/amateur radio op to alert them to the ease with which BPL services could be intercepted. Having some of these folks raise concerns with their contacts in the government would not hurt the cause.

Some random ideas: I've done 1 and 2, am working on 4 and 5.

73

Ken KG4FGC

Date: Thu, 07 Aug 2003 13:27:37 -0400
From: Alex <kr1st@amsat.org>
To: qrp-l@lehigh.edu
Subject: [155679] Re: Could this be the end? (BPL)
Message-ID: <3F328C09.C557E11C@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

K7VO wrote:

> Considering the fact that it is already being rolled out on a trial
> basis,

A few trials, even if whole neighborhoods are being set up for BPL, can hardly be classified as "rolling out". Expansion of the trials, especially where trials are already occurring is often not so much to test technical capabilities, but to test market acceptance and to study how people would use a service; testing the viability of a service.

> and considering all the news reports that are basically
> commercials for the service, I think, sadly, that you are 100% wrong.

You missed the point of my message. It's not about being right and wrong. It's about trying to understand the dynamics that are at play in this issue. Sometimes it helps to sit on the other side of the table, _especially_ when you try to understand and combat an issue.

I'm more than willing to accept that I'm 100% wrong, if you'd provide me with your assessment of the economical implications for interested parties, which will be a major factor. I'm not sure how one could deny that economical factors don't play a role.

I am convinced, yes convinced, unless you or anyone else proves me otherwise, that the reason why BPL didn't take off elsewhere was because it would be too cost prohibitive to make it work, not merely because of legislative issues. They don't give up that easily.

73,
--Alex KR1ST

Date: Thu, 07 Aug 2003 12:34:08 -0500
From: KD5NWA <KD5NWA@cbayona.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155680] Re: Could this be the end? (BPL)
Message-ID: <5.2.0.9.0.20030807121933.00a85150@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The area where I live does not have digital cable in large parts of the city, never mind the countryside, and DSL is barely available, it seems the telephone company tried to save some money way back and put it underground cable that cannot support DSL, so a lot of persons would hop into BPL if it were available.

I moved to the country at the beginning of this year, and I have underground power in my area, was I happy to see the difference in electrical noise compared to my old city apartment, from as high as S9+10Db to S0 when the bands are quiet!

But if BPL comes to our area, then the noise radiation from my house wiring and my neighbors will become my worst enemy.

I hope it gets defeated before it starts, because once unleashed there is little hope of putting that genie back in it's bottle.

At 09:46 AM 8/7/2003, Alex wrote:

>I don't think this will be the end. In fact, I actually have good hopes
>that BPL will not become a success. I think the field trials will show
>(as it has shown in other places around the world), that it is
>technically feasible, but not economically.

>

>

>73,

>--Alex KR1ST

Cecil
KD5NWA

Date: Thu, 7 Aug 2003 12:32:50 -0500
From: "Dave Sjolin" <sjolin@swbell.net>
To: <k7vo@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [155681] Re: Could this be the end? (BPL)
Message-ID: <0b6601c35d09\$eda072b0\$78d1fea9@DaveSjolin>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "K7VO" <k7vo@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, August 07, 2003 11:26 AM
Subject: Re: Could this be the end? (BPL)

> On Thu, 07 Aug 2003 10:46:10 -0400

> Alex <kr1st@amsat.org> wrote:

>

> > So would a power company be willing to dive into this market and take
> > all the risk? I don't think so.

>

> Considering the fact that it is already being rolled out on a trial

> basis, and considering all the news reports that are basically
> commercials for the service, I think, sadly, that you are 100% wrong.

Technology companies take products into market trials all the time. Most never see the light of day following these trials. Either the trials flop, or a bunch of problems arise that make the investment too risky or unfeasible ... or technology simply passes them by and better, lower cost alternatives beat them to market. I don't think the fact that these products are in test necessarily means they will ever see the light of day.

73 de Dave, N0IT EM-48

Date: Thu, 7 Aug 2003 12:34:16 -0500
From: "Boulineau, Lee" <lee.boulineau@attws.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155682] RE: New BLT Kit Preliminary Review
Message-ID: <90B09553A615CE4192A646D8CFA67DA81C879E@TX-MSG05-CCC.wireless.attws.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: quoted-printable
content-class: urn:content-classes:message

>For people who worry about winding toroids my windings on the original
BLT=20
>are pretty sloppy but it works OK. Don't be intimidated.

>I have a magnifier stand with a couple of fairly large, positionable=20
>alligator clips. For my latest project (with lots of toroids) I have
been=20
>putting a couple of turns on the toroid and securing it in one of the=20
>alligator clips. Each time I pass the wire through the center I make a

>tick mark on a pad. Takes longer but saves trouble when I have a
senior=20
>moment and lose my count.

To wind the toroids neatly, take a small paper clip and straighten it out so it has a hook at one end only. Use a third hand to hold the

toroid (you might place rubber tubing or electrical tape on the jaws) and use the hook to PULL the wire through the center - you end up with a nicer product that way. I learned this some time ago and it has worked well for me - YMMV, Yada Yada Yada.....

There is no paperwork with the kit. The manual is on one of those=20 miniature compact disks. I had never seen one before but was surprised to=20 learn the drawer on my (rather old) computer has a convex place in its=20 center where the little disk fits nicely--and the computer reads it just

fine. It is a very large file because there are a great many=20 photographs--one for just about every step of the construction.

Anyhow, this kit looks like a definite winner to me. It is especially good=20 for the Rock-Mite or Tuna Tin because when you are tuning the transmitter=20 always "sees" 50 ohms. A very good feature if you have ever melted a 2N2222.

For people who worry about winding toroids my windings on the original BLT=20 are pretty sloppy but it works OK. Don't be intimidated.

I have a magnifier stand with a couple of fairly large, positionable=20 alligator clips. For my latest project (with lots of toroids) I have been=20 putting a couple of turns on the toroid and securing it in one of the=20 alligator clips. Each time I pass the wire through the center I make a=20 tick mark on a pad. Takes longer but saves trouble when I have a senior moment and lose my count.

73,
jim-
KG4LDY

Date: Thu, 7 Aug 2003 10:35:05 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-1@lehigh.edu>
Subject: [155683] Re: Matching 1/2 wave verticals with ladder line correction
Message-ID: <20030807173505.18135.qmail@web20419.mail.yahoo.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

--- Jeff <fantbb@yahoo.com> wrote:

-

Sorry this is wrong;

> 7mhz 4090 + J 1045 35 59.5

This is what it should be;

7mhz 2474 -706 32 76 450 ohm Impedence

The lengths aren't exact as external factors will effect but they are close enough to get you in the ballpark.

73!

Jeff

=====

AB6MB

NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798, Fanatic A's fan #1

Date: Thu, 07 Aug 2003 10:33:09 -0700

From: Adam Farson <farson@shaw.ca>

To: Low Power Amateur Radio Discussion <qrp-l@LEHIGH.EDU>

Subject: [155684] NTIA Administrator Lauds FCC for "Broadband Over Power Line" Inquiry

Message-ID: <BLEKJMCJB0EAAIECDNNCGEANGNAA.farson@shaw.ca>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

<http://www.arrl.org/news/stories/2003/05/08/3/>

Cheers for now, 73,

Adam VA7OJ/AB4OJ

Date: Thu, 7 Aug 2003 10:39:03 -0700 (PDT)

From: Mike Cummings <mook@annihilator.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [155685] Re: Could this be the end? (BPL)
Message-ID: <Pine.LNX.4.44.0308071027360.4663-100000@drizzle.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 7 Aug 2003, K7VO wrote:

> On Thu, 07 Aug 2003 10:46:10 -0400
> Alex <kr1st@amsat.org> wrote:
>
> > So would a power company be willing to dive into this market and take
> > all the risk? I don't think so.
>
> Considering the fact that it is already being rolled out on a trial
> basis, and considering all the news reports that are basically
> commercials for the service, I think, sadly, that you are 100% wrong.

I don't follow your logic. Trials aren't an indication the power companies have decided anything more than to take a look at it. It's far from "diving in." And the news reports are the way they are because so many reporters are too lazy to look deeper into anything. Face it - BPL sounds great when you just hear from users. If it could be done interference-free it would be a great idea.

So, I think "100% wrong" is a little overstated.

> As I said, we need to unite behind the ARRL and fight this thing. If
> not, IMHO, we are doomed, if not immediately, then when the next threat
> comes along.

I agree. But I still have a feeling that even if BPL is adopted, it won't last. As others have noted, there are already plenty of options for this sort of thing. The biggest convenience cited is "I can plug in anywhere in the house." True. Then again, with my laptop and a wireless hub going onto a cheap DSL line, I can go anywhere in or around my house without plugging into anything and stay "wired."

I think ARRL has a strong case. While I think Powell is stubborn, closeminded and autocratic, I have hope that 3 of the other 4 commissioners can be made to see reason.

Mike NX7E

Date: Thu, 07 Aug 2003 18:43:12 +0100
From: Chuck Adams <k7qo@commspeed.net>

To: qrp-1@lehigh.edu
Subject: [155686] Radio Shack analog panel meters
Message-ID: <5.2.1.1.0.20030807182614.00b8b480@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Yesterday I went to Radio Shack to pick up a panel meter. Their catalog number 44-414 for the 500mA DC Meter. I found out they are phasing these things out, so if you have the need one then get the speed and get down to the Rad Shack near you to get one. They are on sale from \$6 to \$7 depending upon your store. I went to another store in town and sure enough their price was different... Go figure.

I also picked up the 15V DC Meter. But it reads full scale with about a .25V input!!! Internal resistance of 88 ohms which is weird. (i before e except after c rule didn't work here for my spell checker)

I built a gel cell charging station using a gel cell wall wart, some DC barrel connectors and the meters so that I could monitor while I was charging. I made the 1.75" hole by drilling circular pattern and then using circular file to file to tolerance. This after finding out that the local electrical store had Greenlee punches to do this but for \$90 for the punch. Put the meter and stuff in an old K5F0 case.

The reason for all this effort was caused when late the other night before bed time I hooked up the charger to a 1.3Ahr 12V cell. But I did it backwards and the next day I had a cell that was reversed polarized. Expensive error on my part and I was very lucky that I didn't destroy the wall wart charger in the process. Stupid is as stupid does.

Now I will immediately know if I hook something up wrong, even if it is color coded like before. \$14 battery to the recycle place. EPA will get you in this country if you send lead acid batteries to the landfill.

Doug Hendricks, KI6DS, mentioned the other day that analog meters at reasonable pricing are getting harder to find and this is just another data point to verify that issue. It's all going digital.

FYI

Chuck Adams K7QO k7qo@commspeed.net
<http://www.qsl.net/k7qo> CP-60

Date: Thu, 7 Aug 2003 13:47:49 -0400
From: K7VO <k7vo@earthlink.net>
To: myetsko@insydesw.com
Cc: qrp-1@lehigh.edu
Subject: [155687] Re: Why 11 metre Morse
Message-ID: <20030807134749.6264707b.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Thu, 7 Aug 2003 11:13:03 -0400
"Mike Yetsko" <myetsko@insydesw.com> wrote:

> > All mode 2M rigs really aren't all that uncommon.
>
> Come on! Have you priced one lately compared to an FM rig?
>
Yep. About \$150 for a good one on the used market.

73,
Caity
K7VO

Date: Thu, 07 Aug 2003 13:50:32 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155688] Re: BPL Threat
Message-ID: <3F329168.95BA5E82@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

K7VO wrote:

> NTIA issued a statement that was very positive about and supportive of
> BPL. I can find the link on eHam if you want.

I think this is the letter you are referring to:

http://www.ntia.doc.gov/ntiahome/fccfilings/2003/plbletter_04232003.htm

> We cannot count on
> support from that corner if we don't make a strong case about the effect
> on governmental agencies.

I think the NTIA is very aware of the interference issues as you can see in the letter. That's why it is mentioned twice and they offer their assistance. The expression of support is something one shouldn't read too much into. Nobody wants to be seen as a road block.

I too thought that the NTIA was a big supporter when I first read that letter, until someone on this list pointed out to me what they were actually saying.

I'm a big supporter of BPL, too, as long as it doesn't affect anything I do in a negative way.

73,
--Alex KR1ST

Date: Thu, 7 Aug 2003 13:55:06 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155689] RE: Could this be the end? (BPL)
Message-ID: <721D3436A7C2B344A301FD4A413C71A9016F3753@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

One of the utilities is offering the service to their customers = commercially. We don't have any info on how many takers.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Dave Sjolín [mailto:sjolin@swbell.net]
> Sent: Thursday, August 07, 2003 1:33 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Could this be the end? (BPL)
>=20
>=20
>=20
> ----- Original Message -----
> From: "K7VO" <k7vo@earthlink.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Thursday, August 07, 2003 11:26 AM
> Subject: Re: Could this be the end? (BPL)
>=20
>=20
> > On Thu, 07 Aug 2003 10:46:10 -0400
> > Alex <kr1st@amsat.org> wrote:
> >
> > > So would a power company be willing to dive into this=20
> market and take
> > > all the risk? I don't think so.
> >
> > Considering the fact that it is already being rolled out on a trial
> > basis, and considering all the news reports that are basically
> > commercials for the service, I think, sadly, that you are=20
> 100% wrong.
>=20
> Technology companies take products into market trials all the=20
> time. Most
> never see the light of day following these trials. Either the=20
> trials flop,
> or a bunch of problems arise that make the investment too risky or
> unfeasible ... or technology simply passes them by and=20
> better, lower cost
> alternatives beat them to market. I don't think the fact that=20
> these products
> are in test necessarily means they will ever see the light of day.
>=20
> 73 de Dave, N0IT EM-48
>=20
>=20
>=20

Date: Thu, 07 Aug 2003 13:57:48 -0400
From: Bruce Muscolino <w6toy@erols.com>

To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [155690] Re: Why 11 metre Morse
Message-ID: <3F32931C.EBED6FBD@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Nike,

Bit they can do so much more than an FM only rig. Stuff like SSB and, oddly enough, CW. I have had tons of fun with my old Icom IC-211. That rig can probably be found for 150.00.

73

>

> Come on! Have you priced one lately compared to an FM rig?

Date: Thu, 7 Aug 2003 14:27:02 -0400
From: K7VO <k7vo@earthlink.net>
To: mook@annihilator.net
Cc: qrp-l@lehigh.edu
Subject: [155691] Re: Could this be the end? (BPL)
Message-ID: <20030807142702.4f5955fa.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Thu, 7 Aug 2003 10:39:03 -0700 (PDT)
Mike Cummings <mook@annihilator.net> wrote:

> On Thu, 7 Aug 2003, K7VO wrote:

>

> > Considering the fact that it is already being rolled out on a trial
> > basis, and considering all the news reports that are basically
> > commercials for the service, I think, sadly, that you are 100%
> > wrong.

>

> I don't follow your logic.

Mike, let's put it another way. Power companies are seriously interested in offering the service or else they wouldn't be spending money to test it. There *is* public demand. The media is selling this as the best thing to come along since sliced bread.

Can I be sure it will be financially viable? No. Can I be sure that it

will ever be rolled out in a big way? No. Do I see signs that it is likely? Yes. That includes talking to hams who work for the power company privately. They can't say much, of course, but it sure sounds like it's coming.

Now, if there is any sort of chance that this could happen, shouldn't we mobilize and fight it now? OK, maybe the threat will go away on it's own. Are you really willing to risk the HF and 6m bands on that maybe?

>

> Face it - BPL sounds

> great when you just hear from users. If it could be done

> interference-free it would be a great idea.

Actually, I could give you technical reasons why it isn't in the long term. For example, maximum throughput is 2MB/sec, compared with 10MB/sec for other currently available technologies. While that speed is not being realized yet, it will be soon.

Also, the big word in you sentence is "if". I don't think anyone would oppose it if we saw one shred of evidence that it would be offered without serious interference. Look, I'm an ISDN customer because that's all that's available to me. (Satellite is, but the lag is problematic for me if I'm to do any freelance systems administration.) If interference-free BPL was offered here I would sign up in a heartbeat.

>

> > As I said, we need to unite behind the ARRL and fight this thing.

> > If not, IMHO, we are doomed, if not immediately, then when the next

> > threat comes along.

>

> I agree. But I still have a feeling that even if BPL is adopted, it

> won't last.

Are you willing to gamble our bands on that? I'm not. I think it's better to fight a possible threat than wait until it's here and hope it goes away.

>

> I think ARRL has a strong case. While I think Powell is stubborn,

> closeminded and autocratic, I have hope that 3 of the other 4

> commisioners can be made to see reason.

The two Democratic appointees seem to be worried about interference. The other two Republican nominees are forcefully pushing BPL. (Please, let's not turn this into a political debate. That's just an assessment of the statements made by the Commissioners.) I agree with your views on Michael Powell. I can only hope that Congress rolls back the broadcast deregulation that was just pushed though, as now seems quite possible, and he leaves, as the media is suggesting might happen.

The only other hope I see is a change in the administration and a chance for a new President to appoint a new Commissioner. I fear that BPL is something this administration is behind. Of course, it could all be over by January, 2005.

I just think we need to bring all we can to bear in opposition now rather than later. I also don't think the ARRL can do it alone, and I don't think we can count on NTIA if the administration wants this to go through. We need to find other affected spectrum users to join together with, from conservative Christian broadcasters in the shortwave spectrum and the churches that support them to marine interests to local and state law enforcement still on lowband VHF, to other industry and commercial users. It's going to take a broad coalition to stop this.

You know, I really hope you guys who think we don't have much to worry about are right. I really do. I would love to be totally wrong in my views here. Please, prove me wrong.

73,
Caity
K7VO

Date: Thu, 07 Aug 2003 14:26:09 -0400
From: Peter Burbank <peterlee@qx.net>
To: qrp-l@lehigh.edu
Subject: [155692] re. BPL threat
Message-ID: <5.2.0.9.0.20030807134707.00a05af0@mail.qx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I think I read somewhere that the power companies will have to install bridging capacitors across transformers to pass the data. Sounds enormously expensive to me. Another issue is the max data speed which IMHO can't be as fast as systems already installed. Here in Ky (even tho we don't wear shoes) we have glass and CATV lines almost everywhere. If I'm wrong about this I'm sure that Ed Hare will correct me.
73 to all
Pete NV4V

Date: Thu, 7 Aug 2003 22:21:58 +0400
From: "Oleg V. Borodin" <master72@lipetsk.ru>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [155693] PayPal questions
Message-ID: <004401c35d10\$e96b7760\$bfe422c3@OLEG.lipetsk.ru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="koi8-r"
Content-Transfer-Encoding: 7bit

Dear Friends!

Last some days I has received a lot of messages with questions about payment for RU-QRP Club sales (especially "Micro-80" trcvrs) and subscription for "CQ-QRP" journals. Majority of You are use a PayPal system and I know that it is very convenient for you. Unfortunately, Russia is not a member of PayPal system and we can't accept the PayPal transfers. At the same time it isn't so convenient to you to transfer a money via Western Union or send it by cash.

Therefore, I'd like to ask advice that of you, who knows a PayPal system, how can I have an account for RU-QRP Club transfers? Is it possible to do it from US Country if I have a VISA or MasterCard account here in Russia? Any advices?

Excuse me for a non-QRP question and wait the answers for only _private_ mail. Thanks!

Wish you all the best!
--- In QRP We Trust :-)
72! de RV3GM Oleg V. Borodin
Chairman of RU-QRP Club <http://ruqrp.narod.ru>

Date: Thu, 7 Aug 2003 12:22:12 -0700
From: "Lyle Johnson" <wa7gxd@fidalgo.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155694] RE: Could this be the end? (BPL)
Message-ID: <NEBBKGGNGLGOHDJKFAPHAEDEEMAA.wa7gxd@fidalgo.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

>... Power companies are seriously
> interested in offering the service or else they wouldn't be spending
> money to test it.

In these days of deregulation, many power companies are breaking up into a power supplier company and a power distribution company. The power distribution company is always looking for ways to increase revenues. They rent space on power poles to cable TV and telephone companies to provide structural support. If they can rent their power wires to an internet provider and rent the same wires at the same time to the power supplier, they win even more.

It's all quite disturbing...

73,

Lyle kK7P

Date: Thu, 7 Aug 2003 10:26:41 -0400
From: "Walter D. Amos" <waltk8cvamosqrp@gbronline.com>
To: <jc@cowgar.com>
Subject: [155695] Re: Dipole End Heights
Message-ID: <000601c35d18\$e983e7c0\$23ecbfcf@WALTK8CV>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is NOT Rocket Science stuff

Put it up as inverted VEE ends should be above strangle
height :-)

Use STRING from the end of the wire to ANYTHING (limb, trunk, fence) , use a small button for end insulator! Geese , you can even use a large button for the center insulator. Try and feed it with 300 / 450 ohm open wire but coax will work IF you coat the exposed end with clear finger nail polish and tape it up real well after the polish dries (keeping water out of the coax) ! If you use open wire you will probably need a LDG balun between the open wire and about 10 feet of coax to the jack on whatever your radio is.

Coax all the way will work just to try it out. Open wire has less loss but coax is not bad at 40 meters.

Walt K8CV Royal Oak, Mi.

----- Original Message -----

From: "Jeremy Cowgar" <jc@cowgar.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, August 06, 2003 7:43 PM

Subject: Dipole End Heights

> Greetings.

>

> I am installing a 30m dipole and I have limited support anchors. I have
> my chimney for the center (29'). On one side a telephone pole that holds
> a large flood lamp for night time (yuk) at (32') and the other end,
> unfortunately, a pine tree, but the tip is guesstimated at 60'. I figure I
> will put a pulley in the tree and counter weight it (wind really blows
> them around) but should I keep the dipole at the same height, or raise
> one end up as high as I can?

>

> Oh, the dipole end will be about 15' from the nearest branch, from there
> it will be rope into the tree.

>

> Thanks,

>

> Jeremy

> KB8LFA

>

>

>

>

Date: Thu, 7 Aug 2003 12:24:41 -0700 (PDT)

From: Mike Cummings <mook@annihilator.net>

To: qrp-l@lehigh.edu

Subject: [155696] Re: Could this be the end? (BPL)

Message-ID: <Pine.LNX.4.44.0308071130530.4663-100000@drizzle.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 7 Aug 2003, K7VO wrote:

> Mike, let's put it another way. Power companies are seriously
> interested in offering the service or else they wouldn't be spending
> money to test it. There *is* public demand. The media is selling this

> as the best thing to come along since sliced bread.

This still doesn't add up to Alex being 100% wrong. Nobody's denying that PCs are interested. But trials of all kinds of technologies happen without them being adopted. I'm only objecting to your degree of certitude.

> Can I be sure it will be financially viable? No. Can I be sure that it
> will ever be rolled out in a big way? No. Do I see signs that it is
> likely? Yes. That includes talking to hams who work for the power
> company privately. They can't say much, of course, but it sure sounds
> like it's coming.

I'm sure that's true. All I'm arguing with is the "100% wrong" thing. I'm not saying he's 100% right, either.

> Now, if there is any sort of chance that this could happen, shouldn't we
> mobilize and fight it now? OK, maybe the threat will go away on it's
> own. Are you really willing to risk the HF and 6m bands on that maybe?

How am I risking the bands? I'm giving money to the ARRL and making a comment to the FCC. I have also written my congressman and senators. You seem to be leaping to the conclusion that I advocate apathy. This conclusion is unwarranted. Just because I take issue with your level of certainty doesn't mean I think this isn't a threat.

> > Face it - BPL sounds
> > great when you just hear from users. If it could be done
> > interference-free it would be a great idea.
>

> Actually, I could give you technical reasons why it isn't in the long
> term. For example, maximum throughput is 2MB/sec, compared with
> 10MB/sec for other currently available technologies. While that speed
> is not being realized yet, it will be soon.

The point is, when viewed superficially, as it will be by the public and reporters, all they see is: Cheap, wiring already in place, could reach rural areas not serviced - what could possibly be wrong? That's how it looks to them, and that's why the news media seem so pro-BPL. They don't see a downside - talk about interference to HF and 6 meters means nothing to them.

> > I agree. But I still have a feeling that even if BPL is adopted, it
> > won't last.
>

> Are you willing to gamble our bands on that? I'm not. I think it's
> better to fight a possible threat than wait until it's here and hope it
> goes away.

Gamble our bands? Where do you get that? I said I agreed with you. I have said before that I think BPL is a threat and we should fight it tooth and nail. I've certainly never suggested that we should wait until it arrives and hope it goes away. I'm saying this:

- BPL sucks. It causes interference and should not be implemented.
- We should fight it.
- It may be implemented in spite of our objections.
- If that should happen, and I hope it doesn't, I don't think it will last as long as many are saying it will. At best it will be a clunky solution that will be supplanted by better technologies in the near future.
- Note that I am not saying this makes it OK. In fact, the opposite: To lose use of HF/6m is bad enough, but to lose it for a crappy dead-end technology adds insult to injury. I think pointing out the downsides of BPL as a useful technology only bolsters the case against it.
- BPL still sucks. It will cause interference and should not be implemented.

> I just think we need to bring all we can to bear in opposition now
> rather than later.

So do I. Has anyone here actually advocated waiting?

> I also don't think the ARRL can do it alone, and I
> don't think we can count on NTIA if the administration wants this to go
> through. We need to find other affected spectrum users to join together
> with, from conservative Christian broadcasters in the shortwave spectrum
> and the churches that support them to marine interests to local and
> state law enforcement still on lowband VHF, to other industry and
> commercial users. It's going to take a broad coalition to stop this.

I agree.

> You know, I really hope you guys who think we don't have much to worry
> about are right.

I'm sorry if I sound testy - I really don't mean anything personal, but you're putting words into my mouth (or onto my keyboard). I never said anything about being passive, or waiting until later, or that we don't have anything to worry about. So it's a little grating to get all the rhetorical questions about gambling our spectrum and so on thrown at me. I hope my position is clarified, and I hope we can work together on this. I really am on your side.

A practical question for anyone who cares to answer: I am trying to formulate a comment for the FCC, but I don't feel technically astute enough in this specific area to make a technical comment. That leaves me just saying that I'm a ham and I don't want my hobby wrecked by BPL.

That's all true, but it seems kind of weak. Any suggestions on writing an effective comment from a regular ham who doesn't want to lose HF?

Mike NX7E

Date: Thu, 07 Aug 2003 22:36:01 +0300
From: Paul <mooney@cytanet.com.cy>
To: "Oleg V. Borodin" <master72@lipetsk.ru>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [155697] Re: PayPal questions
Message-ID: <1060284960.3739.8.camel@localhost>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

On Thu, 2003-08-07 at 21:21, Oleg V. Borodin wrote:

> Dear Friends!
>
> Last some days I has received a lot of messages with questions about payment
> for RU-QRP Club sales (especially "Micro-80" trcvrs) and subscription for
> "CQ-QRP" journals. Majority of You are use a PayPal system and I know that
> it is very convenient for you. Unfortunately, Russia is not a member of
> PayPal system and we can't accept the PayPal transfers. At the same time it
> isn't so convenient to you to transfer a money via Western Union or send it
> by cash.
> Therefore, I'd like to ask advice that of you, who knows a PayPal system,
> how can I have an account for RU-QRP Club transfers? Is it possible to do it
> from US Country if I have a VISA or MasterCard account here in Russia?
> Any advices?
>
> Excuse me for a non-QRP question and wait the answers for only _private_
> mail. Thanks!
>
> Wish you all the best!
> --- In QRP We Trust :-)
> 72! de RV3GM Oleg V. Borodin
> Chairman of RU-QRP Club <http://ruqrp.narod.ru>

Hi Oleg,

Do a search on the internet for 'PayPal problems' before making a decision.

Paul M.

Date: Thu, 7 Aug 2003 14:52:25 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Rod N0RC" <rod@n0rc.us>, "qrp-1" <qrp-1@Lehigh.EDU>,
 <elecraft@mailman.qth.net>, "cqc-1" <CQCLIST@yahooogroups.com>
Subject: [155698] Re: [Elecraft] Recent band conditions
Message-ID: <018b01c35d1d\$6cc2b400\$4e100a0a@rohredt2000>

Hi Rod,
Funny, I mentioned the recent poor band conditions to a scientist here at
work who runs our ionospheric sounder to study, (what else) propagation!

I asked if there was some extra solar activity or is this just the usual
down side of the cycle. He said it seemed it was usual declining solar
cycle. "Maybe with the Internet and greater awareness of solar outages in
the news, we are hearing about the bad conditions more than we did in the
former cycles." He also said, it could be that we are having a bit more
than usual bad conditions. Of course, that is why they study it, to try to
understand the solar cycles and day to day variations.

Probably loads of stuff on the web by doing a google.com search.

73,
Stuart
k5KVH

Date: Thu, 7 Aug 2003 15:41:28 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155699] Re: Could this be the end? (BPL)
Message-ID: <200308071541.28240.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Actually I just got off the phone with one of the folks that "wrote" the
response to this from the (assoc.) of shortwave broadcasters. (Sorry I am not
sure what they call themselves.) We were talking about other matters
(business) and I happened to mention the BPL stuff.

Anyways he said that they (the shortwave broadcasters) had already filed

comments not supporting this.

However, I also feel that FCC Chairman Powell is an odd sort of politician, in that he doesn't compromise or seek same. As such we can expect him to be beholden to specific private interests without any ability or desire to even *appear* to be dealing with all concerns. This will have to be taken into account in dealing with him and his "commissioners" in any issue taken up with him. I say all of this based on his past performance in his current role.

Best regards;

Bob
w9ya

On Thursday 07 August 2003 01:27 pm, K7VO wrote:

> On Thu, 7 Aug 2003 10:39:03 -0700 (PDT)

>

> Mike Cummings <mook@annihilator.net> wrote:

> > On Thu, 7 Aug 2003, K7VO wrote:

> > > Considering the fact that it is already being rolled out on a trial

> > > basis, and considering all the news reports that are basically

> > > commercials for the service, I think, sadly, that you are 100%

> > > wrong.

> >

> > I don't follow your logic.

>

> Mike, let's put it another way. Power companies are seriously

> interested in offering the service or else they wouldn't be spending

> money to test it. There *is* public demand. The media is selling this

> as the best thing to come along since sliced bread.

>

> Can I be sure it will be financially viable? No. Can I be sure that it

> will ever be rolled out in a big way? No. Do I see signs that it is

> likely? Yes. That includes talking to hams who work for the power

> company privately. They can't say much, of course, but it sure sounds

> like it's coming.

>

> Now, if there is any sort of chance that this could happen, shouldn't we

> mobilize and fight it now? OK, maybe the threat will go away on it's

> own. Are you really willing to risk the HF and 6m bands on that maybe?

>

> > Face it - BPL sounds

> > great when you just hear from users. If it could be done

> > interference-free it would be a great idea.

>
> Actually, I could give you technical reasons why it isn't in the long
> term. For example, maximum throughput is 2MB/sec, compared with
> 10MB/sec for other currently available technologies. While that speed
> is not being realized yet, it will be soon.
>
> Also, the big word in you sentence is "if". I don't think anyone would
> oppose it if we saw one shred of evidence that it would be offered
> without serious interference. Look, I'm an ISDN customer because that's
> all that's available to me. (Satellite is, but the lag is problematic
> for me if I'm to do any freelance systems administration.) If
> interference-free BPL was offered here I would sign up in a heartbeat.
>
> > > As I said, we need to unite behind the ARRL and fight this thing.
> > > If not, IMHO, we are doomed, if not immediately, then when the next
> > > threat comes along.
> >
> > I agree. But I still have a feeling that even if BPL is adopted, it
> > won't last.
>
> Are you willing to gamble our bands on that? I'm not. I think it's
> better to fight a possible threat than wait until it's here and hope it
> goes away.
>
> > I think ARRL has a strong case. While I think Powell is stubborn,
> > closeminded and autocratic, I have hope that 3 of the other 4
> > commisioners can be made to see reason.
>
> The two Democratic appointees seem to be worried about interference.
> The other two Republican nominees are forcefully pushing BPL. (Please,
> let's not turn this into a political debate. That's just an assessment
> of the statements made by the Commissioners.) I agree with your views
> on Michael Powell. I can only hope that Congress rolls back the
> broadcast deregulation that was just pushed though, as now seems quite
> possible, and he leaves, as the media is suggesting might happen.
>
> The only other hope I see is a change in the administration and a chance
> for a new President to appoint a new Commissioner. I fear that BPL is
> something this administration is behind. Of course, it could all be
> over by January, 2005.
>
> I just think we need to bring all we can to bear in opposition now
> rather than later. I also don't think the ARRL can do it alone, and I
> don't think we can count on NTIA if the administration wants this to go
> through. We need to find other affected spectrum users to join together
> with, from conservative Christian broadcasters in the shortwave spectrum
> and the churches that support them to marine interests to local and
> state law enforcement still on lowband VHF, to other industry and

> commercial users. It's going to take a broad coalition to stop this.
>
> You know, I really hope you guys who think we don't have much to worry
> about are right. I really do. I would love to be totally wrong in my
> views here. Please, prove me wrong.
>
> 73,
> Caity
> K7VO

Date: Thu, 7 Aug 2003 16:45:35 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Cc: "George Heron N2APB" <n2apb@erols.com>
Subject: [155700] Re: BLT Manual online now
Message-ID: <006501c35d24\$f8d60fd0\$f1ca9cce@GH001188>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

We now have the PDF manual for the NorCal BLT Kit posted on the project
website (<http://www.amqrp.org/kits/blt/index.html>).

It's a bit of a download (~1 MB), but it's well worth the effort. Doug did
a fabulous job of including many good-quality photos of the step-by-step
process.

Also, be sure to note the active hyperlinks in the Table of Contents ...
what a nice and easy way to navigate among the 34 different sections and
photos ... Nice job Doug!

73, George N2APB
n2apb@amqrp.org

Date: Thu, 7 Aug 2003 16:52:16 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: <k7vo@earthlink.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155701] RE: Could this be the end? (BPL)
Message-ID: <721D3436A7C2B344A301FD4A413C71A90173558C@kosh.arrlhq.org>
content-class: urn:content-classes:message

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

>Can I be sure it will be financially viable? No. Can I be sure that =
it
will ever be rolled out in a big way? No. Do I see signs that it is
likely? Yes. That includes talking to hams who work for the power
company privately. They can't say much, of course, but it sure sounds
like it's coming.

I would hope that those hams can make a copy of the video and share it =
with
their colleagues that are making the decisions. Right along with it =
should go
a copy of the "FCC" letters citing utility companies for RFI violations.

<http://www.arrl.org/tis/info/HTML/plc/#Video>
http://www.arrl.org/tis/info/HTML/plc/FCC_enforcement/FCC_Enforcement_Letters.htm

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

ARRL is the National Association for Amateur Radio. It is supported by =
membership dues, individual contributions and the sale of publications =
and advertising. For more information about ARRL, go to =
<http://www.arrl.org/news/features/inside-your-league.html>. For more =
information about membership, go to <http://www.arrl.org/join.html>. Your =
contribution can also help support ARRL's ongoing efforts to protect =
Amateur spectrum. Go to =
<https://www.arrl.org/forms/development/donations/basic/> to learn more =
about the ways you can support the ARRL programs and activities of most =
importance to you. You can help ARRL protect Amateur Radio for you and =
future generations to enjoy.

> -----Original Message-----
> From: K7VO [<mailto:k7vo@earthlink.net>]
> Sent: Thursday, August 07, 2003 2:27 PM
> To: Low Power Amateur Radio Discussion

> Subject: Re: Could this be the end? (BPL)
>=20
>=20
> On Thu, 7 Aug 2003 10:39:03 -0700 (PDT)
> Mike Cummings <mook@annihilator.net> wrote:
>=20
> > On Thu, 7 Aug 2003, K7V0 wrote:
> >=20
> > > Considering the fact that it is already being rolled out=20
> > on a trial
> > > basis, and considering all the news reports that are basically
> > > commercials for the service, I think, sadly, that you are 100%
> > > wrong.
> >=20
> > I don't follow your logic.=20
>=20
> Mike, let's put it another way. Power companies are seriously
> interested in offering the service or else they wouldn't be spending
> money to test it. There *is* public demand. The media is=20
> selling this
> as the best thing to come along since sliced bread.
>=20
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> will ever be rolled out in a big way? No. Do I see signs that it is
> likely? Yes. That includes talking to hams who work for the power
> company privately. They can't say much, of course, but it sure sounds
> like it's coming.
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> Now, if there is any sort of chance that this could happen,=20
> shouldn't we
> mobilize and fight it now? OK, maybe the threat will go away on it's
> own. Are you really willing to risk the HF and 6m bands on=20
> that maybe?
> >
> > Face it - BPL sounds=20
> > great when you just hear from users. If it could be done
> > interference-free it would be a great idea.
>=20
> Actually, I could give you technical reasons why it isn't in the long
> term. For example, maximum throughput is 2MB/sec, compared with
> 10MB/sec for other currently available technologies. While that speed
> is not being realized yet, it will be soon. =20
>=20
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> oppose it if we saw one shred of evidence that it would be offered
> without serious interference. Look, I'm an ISDN customer=20

> because that's
> all that's available to me. (Satellite is, but the lag is problematic
> for me if I'm to do any freelance systems administration.) If
> interference-free BPL was offered here I would sign up in a heartbeat.
> >=20
> > > As I said, we need to unite behind the ARRL and fight this thing.=20
> > > If not, IMHO, we are doomed, if not immediately, then=20
> when the next
> > > threat comes along.
> >=20
> > I agree. But I still have a feeling that even if BPL is adopted, it
> > won't last.
>=20
> Are you willing to gamble our bands on that? I'm not. I think it's
> better to fight a possible threat than wait until it's here=20
> and hope it
> goes away.=20
> >=20
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> > closeminded and autocratic, I have hope that 3 of the other 4
> > commisioners can be made to see reason.
>=20
> The two Democratic appointees seem to be worried about interference.=20
> The other two Republican nominees are forcefully pushing BPL.=20
> (Please,
> let's not turn this into a political debate. That's just an=20
> assessment
> of the statements made by the Commissioners.) I agree with your views
> on Michael Powell. I can only hope that Congress rolls back the
> broadcast deregulation that was just pushed though, as now seems quite
> possible, and he leaves, as the media is suggesting might happen.
>=20
> The only other hope I see is a change in the administration=20
> and a chance
> for a new President to appoint a new Commissioner. I fear that BPL is
> something this administration is behind. Of course, it could all be
> over by January, 2005. =20
>=20
> I just think we need to bring all we can to bear in opposition now
> rather than later. I also don't think the ARRL can do it alone, and I
> don't think we can count on NTIA if the administration wants=20
> this to go
> through. We need to find other affected spectrum users to=20
> join together
> with, from conservative Christian broadcasters in the=20
> shortwave spectrum
> and the churches that support them to marine interests to local and
> state law enforcement still on lowband VHF, to other industry and

> commercial users. It's going to take a broad coalition to stop this.
>=20
> You know, I really hope you guys who think we don't have much to worry
> about are right. I really do. I would love to be totally wrong in my
> views here. Please, prove me wrong.
>=20
> 73,
> Caity
> K7VO
>=20
>=20
>=20

Date: Thu, 7 Aug 2003 17:18:22 -0400
From: Steve.Lawrence@ITWFEG.COM
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155702] Re: Could this be the end? (BPL)
Message-ID: <0F5A00B0BB.8FB89273-
ON85256D7B.0074C2F8-85256D7B.007509E7@troy.pmifeg>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

What are the Amateur Radio suppliers saying about BPL? You know...
TenTec, Icom, Kenwood, Yaesu, etc.? Surely they too would have a
financial interest at stake if HF operation is effectively killed and no
one interested in purchasing their products???

How have they weighed in over BPL?

Steve
aa8af

Date: Thu, 7 Aug 2003 17:28:11 -0400
From: K7VO <k7vo@earthlink.net>
To: mook@annihilator.net, qrp-l@lehigh.edu
Subject: [155703] Re: Could this be the end? (BPL)
Message-ID: <20030807172811.1bd9aca7.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Thu, 7 Aug 2003 12:24:41 -0700 (PDT)
Mike Cummings <mook@annihilator.net> wrote:

Hi, Mike,

>

> This still doesn't add up to Alex being 100% wrong.

OK, I withdraw the 100%. Let me rephrase it to say that Alex is speculating (admittedly in an educated way) and drawing conclusions based on that speculation. What I am saying is I disagree with his premise and his conclusions. Better?

>

> How am I risking the bands? I'm giving money to the ARRL and making
> a comment to the FCC. I have also written my congressman and senators.
> You seem to be leaping to the conclusion that I advocate apathy.

Not you. Alex and some other folks I have read online in other forums. There is huge danger in apathy.

> The point is, when viewed superficially, as it will be by the public
> and reporters, all they see is: Cheap, wiring already in place, could
> reach rural areas not serviced - what could possibly be wrong? That's
> how it looks to them, and that's why the news media seem so pro-BPL.
> They don't see a downside - talk about interference to HF and 6 meters
> means nothing to them.

This I clearly agree with. Dare I say 100%? :)

>

> Gamble our bands?

The question was rhetorical, not literal. No accusation towards you was intended.

> I'm saying this:

>

> - BPL sucks. It causes interference and should not be implemented.
> - We should fight it.
> - It may be implemented in spite of our objections.
> - If that should happen, and I hope it doesn't, I don't think it will
> last as long as many are saying it will. At best it will be a clunky
> solution that will be supplanted by better technologies in the near
> future.- Note that I am not saying this makes it OK. In fact, the
> opposite: To lose use of HF/6m is bad enough, but to lose it for a
> crappy dead-end technology adds insult to injury. I think pointing out
> the downsides of BPL as a useful technology only bolsters the case
> against it.- BPL still sucks. It will cause interference and should
> not be implemented.

I think we agree on everything except two points:

1. I don't think it will go away quickly, and I do think it is viable in areas like the one I live in.

2. Semantics. That seems to be the big argument--my choice of words.

Peace?

>

> I'm sorry if I sound testy - I really don't mean anything personal,
> but you're putting words into my mouth (or onto my keyboard).

Not if you realize that some of the questions were rhetorical. Can you tell I was on a debate team? :)

>

> A practical question for anyone who cares to answer: I am trying to
> formulate a comment for the FCC, but I don't feel technically astute
> enough in this specific area to make a technical comment. That leaves
> me just saying that I'm a ham and I don't want my hobby wrecked by
> BPL. That's all true, but it seems kind of weak. Any suggestions on
> writing an effective comment from a regular ham who doesn't want to
> lose HF?

I think the type of "weak" comment you want to file is valid provided you can point to studies (ARRL or overseas) that back it up. As an ARES member and former emergency net control I felt qualified to also point out how amateur radio has been important for emergency communication, and how much of that communication would become impossible if BPL is implemented. During the War on Terrorism we have to add the likelihood of a man-made disaster to the natural ones. Is the country better off without amateurs trained in traffic handling and emergency communication who have the capability of maintaining long distance communication without access to the power grid? I think not, and that was the gist of my comments.

Of course, you can say the same things completely differently.

All the best,
Caity
K7VO

Date: Thu, 7 Aug 2003 17:33:35 -0400
From: K7VO <k7vo@earthlink.net>
To: w6toy@erols.com
Cc: qrp-l@lehigh.edu
Subject: [155704] Re: Why 11 metre Morse

Message-ID: <20030807173335.2aa4a253.k7vo@earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

On Thu, 07 Aug 2003 13:57:48 -0400

Bruce Muscolino <w6toy@erols.com> wrote:

> Nike,

>

> Bit they can do so much more than an FM only rig. Stuff like SSB and,

> oddly enough, CW. I have had tons of fun with my old Icom IC-211.

> That rig can probably be found for 150.00.

I generally don't recommend the Icom IC-211. Great receiver. 10W is very adequate for SSB communications with a good antenna. (VHF QRP anyone?) However, with the double sided boards and the flaky feed-throughs, as well as several components that seem prone to failure, this rig is best in the hands of someone who is technically competent to service them.

Better choices in the under \$200 price class:

Icom IC-290A, IC-260, IC-202S

Kenwood TR-9000, TS-700A

KLM (FDK) Multi-2700

Yaesu FT-221R, FT-480R, FT-221, FT-220

All the best,

Caity

K7VO

(active on 6m, 2m, 70cm SSB/CW, all at 10W or less)

Date: Thu, 7 Aug 2003 14:38:14 -0700 (PDT)

From: Jeff Furman <jfurman@ocs.net>

To: Nick Kennedy <nkennedy@tcainternet.com>, qrp-1@lehigh.edu

Subject: [155705] RE: [155383] More wine, anyone? [Long]

Message-ID: <Pine.LNX.4.21.0308071434001.18979-100000@ocs.net>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Nick, that message is a great example of design synthesis. I will refer others to your example in the future.

73, Jeff AD6MX

Date: Thu, 7 Aug 2003 15:04:38
From: John_k7fd <john_k7fd@cablespeed.com>
To: <qrp-1@Lehigh.EDU>
Subject: [155706] American Public Power Association
Message-ID: <200308072204.h77M4pGG028650@rain.CC.Lehigh.EDU>
Content-Transfer-Encoding: 8bit
Content-Type: text/plain; charset="iso-8859-1";
MIME-Version: 1.0

http://www.appanet.org/pdfreq.cfm?PATH_INFO=/newsroom/Other%20Agency/FCCNOI2003.pdf&VARACTION=GO

Sorry if this posted twice...interesting reading...

73 John K7FD

This mail was sent by Cablespeed Webmail

Date: Thu, 7 Aug 2003 15:14:49 -0700 (PDT)
From: Mike Cummings <mook@annihilator.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155707] Re: Could this be the end? (BPL)
Message-ID: <Pine.LNX.4.44.0308071453520.11030-1000000@drizzle.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 7 Aug 2003, K7V0 wrote:

> On Thu, 7 Aug 2003 12:24:41 -0700 (PDT)
> Mike Cummings <mook@annihilator.net> wrote:

> OK, I withdraw the 100%. Let me rephrase it to say that Alex is
> speculating (admittedly in an educated way) and drawing conclusions
> based on that speculation. What I am saying is I disagree with his
> premise and his conclusions. Better?

Yes, actually.

> > How am I risking the bands? I'm giving money to the ARRL and making

> > a comment to the FCC. I have also written my congressman and senators.
> > You seem to be leaping to the conclusion that I advocate apathy.
>
> Not you. Alex and some other folks I have read online in other forums.
> There is huge danger in apathy.

OK, but I feel compelled to say that since your rhetorical question was written in response to my message, under a quote from me, it was not unreasonable for me to assume it was directed towards me.

Even though a question's rhetorical, it's still aimed at someone(thing). As a rhetorical question to be aimed my way, I recommend the following:

"Mike, could anyone ever be as handsome and brilliant as you?"

> This I clearly agree with. Dare I say 100%? :)

OK. This time. But watch it.

> I think we agree on everything except two points:
>
> 1. I don't think it will go away quickly, and I do think it is viable in
> areas like the one I live in.

Perhaps. I don't claim to be an expert.

> 2. Semantics. That seems to be the big argument--my choice of words.

Semantics are important. When people don't agree on meanings, communication suffers. Semantic conflict is, therefore, like BPL.

> Peace?

Of course. There was never war. I was merely annoyed, and I don't think being annoyed is that big a deal.

> > A practical question for anyone who cares to answer: I am trying to
> > formulate a comment for the FCC, but I don't feel technically astute
> > enough in this specific area to make a technical comment. That leaves
> > me just saying that I'm a ham and I don't want my hobby wrecked by
> > BPL. That's all true, but it seems kind of weak. Any suggestions on
> > writing an effective comment from a regular ham who doesn't want to
> > lose HF?
>
> I think the type of "weak" comment you want to file is valid provided
> you can point to studies (ARRL or overseas) that back it up.

I guess large numbers of comments may help. I just felt like it was lame

to just point to the ARRL studies, since we're all doing that. I've since decided I was being an idiot and should just comment.

> As an ARES
> member and former emergency net control I felt qualified to also point
> out how amateur radio has been important for emergency communication,
> and how much of that communication would become impossible if BPL is
> implemented. During the War on Terrorism we have to add the likelihood
> of a man-made disaster to the natural ones. Is the country better off
> without amateurs trained in traffic handling and emergency communication
> who have the capability of maintaining long distance communication
> without access to the power grid? I think not, and that was the gist of
> my comments.

I was thinking along similar lines, but I haven't been in emergency comms, so I don't feel I speak with much authority. I'll ponder a little more and come up with something. I'm also going to write to some of the domestic shortwave broadcasters I can find.

Cheers,

Mike NX7E

Date: Thu, 07 Aug 2003 18:20:27 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: w1rfi@arrl.org, qrp-L Reflector <qrp-l@lehigh.edu>
Subject: [155708] RE: (BPL) continued...
Message-ID: <5.2.1.1.2.20030807175408.02b033f0@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Ed (W1RFI)... I have never understood why they actually NEED BPL? The only possibility I can see is to expand their AC-Power Load-Supply-Network's 'command and control' all the way down to the individual residence. I just don't see where they need the bandwidth to accomplish the sum total of things I can think of; that it clumsily and noisily will try and provide. Things that could be performed more economically, and without interference using other, existing-technology, wireless methods.

Active load monitoring; possible brown-out load-reduction-switching capabilities; monthly billing totals; and area-wide load controls are about all I can think of-and I cannot see where the trouble this is generating should be worth it to them-again, considering the capabilities and costs of the current-generation of wireless technology vs this tainted-blue-sky

proposal. What else is there about the wattage-supply-business they need?

And another thing: why isn't the military up in arms about this? They may have gotten cozy with satellite communications, but HF communications still occupy a piece of their T.O. & E.

This whole thing sounds to me like a lot of the computer-buying frenzy early-on in the beginnings of the PC era. People buying PCs and software without a clue as to what they were going to do with them. Those computers did a lot of sitting around-just as I believe the bulk of BPL communications will consist of the digital communications equivalent of:

"Ye-a-p-p... uh-huh... uh-huh... gorsh-h-h... Ahm-m-m sure 'nuf here!!! Are you there Mickey???"

It isn't so much that they NEED it, as it is that they have thought of it, and: "by gosh-we'll find lot's of things it can do, so let's go ahead and build it anyway!

I think the Disney people ought to sue them for copyright infringement, this whole plan is so... "Mickey Mouse" & "Goofy"!!!

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."

--Mark Twain

Date: Thu, 7 Aug 2003 17:42:16 -0500
From: "Andy Palm" <acpalm@concentric.net>
To: <qrp-l@Lehigh.EDU>
Subject: [155709] Suggestions for Cub Scout Camp Demonstration
Message-ID: <000b01c35d35\$2843fce0\$a398ee42@andy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings, fellow low power enthusiasts! I have been invited to set up a demonstration concerning ham radio at a large Cub Scout get-together next month in NE Wisconsin. As my favorite activity in ham radio is low power portable operation, I will set up a QRP CW station as part of my presentation. However, kids at the Cub Scout age surely will be more interested if there is some kind of participation involved, and I can't count on propagation being good.

So, I'd like some kind of activity for the boys to do, and Morse Code would be my first choice. I'm thinking of the usual poster with the letters, etc. on it, but I want them to HEAR Morse and have a chance at sending it. I've thought of the following possibilities, and I'd appreciate comments, especially from those who have done this kind of thing:

- Code practice oscillator setup with straight key, or maybe two of them so kids could try sending to each other.
- CW keyboard with keyer and speaker, or laptop with CW program that can send from keyboard or send practice words, random groups, etc.
- A key hooked up to a simple Part 15 LowFer TX that is CW capable, with a Grundig YB400 nearby (so its really radio). Even better, two TXs. I'd need to build the TX and so would need plans.

Some non-code possibilities would be a crystal set, some kind of construction project, and so on. I'll likely want some kind of literature on becoming a ham, too. I don't have the funds to buy a barrel of giveaway Norcal Keyers--sorry Doug!

I could set up an FT-817 for SSB and try for voice contacts, but I'd rather do code.

Thanks in advance for any ideas you might have.

Best,
Andy N1KSN
Menasha, WI

Date: Thu, 7 Aug 2003 18:43:30 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "John_k7fd" <john_k7fd@cablespeed.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [155710] RE: American Public Power Association
Message-ID: <721D3436A7C2B344A301FD4A413C71A9016F376E@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

See especially page 10. That comment of theirs made the ARRL web story. =
:-)

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

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membership dues, individual contributions and the sale of publications =
and advertising. For more information about ARRL, go to =
<http://www.arrl.org/news/features/inside-your-league.html>. For more =
information about membership, go to <http://www.arrl.org/join.html>. Your =
contribution can also help support ARRL's ongoing efforts to protect =
Amateur spectrum. Go to =
<https://www.arrl.org/forms/development/donations/basic/> to learn more =
about the ways you can support the ARRL programs and activities of most =
importance to you. You can help ARRL protect Amateur Radio for you and =
future generations to enjoy.

> -----Original Message-----
> From: John_k7fd [mailto:john_k7fd@cablespeed.com]
> Sent: Thursday, August 07, 2003 11:05 AM
> To: Low Power Amateur Radio Discussion
> Subject: American Public Power Association
>=20
>=20
> http://www.appanet.org/pdfreq.cfm?PATH_INFO=3D/newsroom/Other%20Agency/FCCN0I2003.pdf&VARACTION=3DGO
>=20
> Sorry if this posted twice...interesting reading...
>=20
> 73 John K7FD
>=20
>
> -----
> This mail was sent by Cablespeed Webmail
>=20
>=20

Date: Thu, 7 Aug 2003 18:46:07 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155711] RE: Could this be the end? (BPL)
Message-ID: <721D3436A7C2B344A301FD4A413C71A9016F376F@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

> > OK, I withdraw the 100%. Let me rephrase it to say that Alex is
> > speculating (admittedly in an educated way) and drawing conclusions
> > based on that speculation. What I am saying is I disagree with his
> > premise and his conclusions. Better?
>=20
> Yes, actually.

And I read Alex's comments and agree that he may be right. There is a =
lot stacked up against this and there is no certainty that the industry =
will soar. Alex outlined that pretty well, and I don't disagree with =
the points he made.

But I am less confident than he that it may just get off the ground, and =
it won't take much to really affect some areas. I will hope that he is =
right, but take action as if he may not be.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Mike Cummings [mailto:mook@annihilator.net]
> Sent: Thursday, August 07, 2003 6:15 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Could this be the end? (BPL)
>=20
>=20
> On Thu, 7 Aug 2003, K7V0 wrote:
>=20
> > On Thu, 7 Aug 2003 12:24:41 -0700 (PDT)
> > Mike Cummings <mook@annihilator.net> wrote:
>=20
> > OK, I withdraw the 100%. Let me rephrase it to say that Alex is
> > speculating (admittedly in an educated way) and drawing conclusions
> > based on that speculation. What I am saying is I disagree with his
> > premise and his conclusions. Better?
>=20
> Yes, actually.
>=20
> > > How am I risking the bands? I'm giving money to the ARRL=20
> and making=20
> > > a comment to the FCC. I have also written my congressman=20
> and senators.
> > > You seem to be leaping to the conclusion that I advocate apathy.=20
> >=20
> > Not you. Alex and some other folks I have read online in=20
> other forums.=20
> > There is huge danger in apathy.
>=20
> OK, but I feel compelled to say that since your rhetorical=20
> question was=20
> written in response to my message, under a quote from me, it was not=20
> unreasonable for me to assume it was directed towards me.
>=20
> Even though a question's rhetorical, it's still aimed at=20
> someone(thing).=20
> As a rhetorical question to be aimed my way, I recommend the=20

> following:
>=20
> "Mike, could anyone ever be as handsome and brilliant as you?"
>=20
> > This I clearly agree with. Dare I say 100%? :)
>=20
> OK. This time. But watch it.
>=20
> > I think we agree on everything except two points:
> >=20
> > 1. I don't think it will go away quickly, and I do think it=20
> is viable in
> > areas like the one I live in.
>=20
> Perhaps. I don't claim to be an expert.
>=20
> > 2. Semantics. That seems to be the big argument--my choice=20
> of words.
>=20
> Semantics are important. When people don't agree on meanings,=20
> communication suffers. Semantic conflict is, therefore, like BPL.
>=20
> > Peace?
>=20
> Of course. There was never war. I was merely annoyed, and I=20
> don't think=20
> being annoyed is that big a deal.
>=20
> > > A practical question for anyone who cares to answer: I am=20
> trying to=20
> > > formulate a comment for the FCC, but I don't feel=20
> technically astute=20
> > > enough in this specific area to make a technical comment.=20
> That leaves
> > > me just saying that I'm a ham and I don't want my hobby wrecked by
> > > BPL. That's all true, but it seems kind of weak. Any=20
> suggestions on
> > > writing an effective comment from a regular ham who=20
> doesn't want to
> > > lose HF?
> >=20
> > I think the type of "weak" comment you want to file is=20
> valid provided
> > you can point to studies (ARRL or overseas) that back it up. =20
>=20
> I guess large numbers of comments may help. I just felt like=20
> it was lame=20
> to just point to the ARRL studies, since we're all doing=20

> that. I've since=20
> decided I was being an idiot and should just comment.
>=20
> > As an ARES
> > member and former emergency net control I felt qualified to=20
> also point
> > out how amateur radio has been important for emergency=20
> communication,
> > and how much of that communication would become impossible if BPL is
> > implemented. During the War on Terrorism we have to add=20
> the liklihood
> > of a man-made disaster to the natural ones. Is the country=20
> better off
> > without amateurs trained in traffic handling and emergency=20
> communication
> > who have the capability of maintaining long distance communication
> > without access to the power grid? I think not, and that=20
> was the gist of
> > my comments.
>=20
> I was thinking along similar lines, but I haven't been in=20
> emergency comms,=20
> so I don't feel I speak with much authority. I'll ponder a=20
> little more and=20
> come up with something. I'm also going to write to some of the=20
> domestic shortwave broadcasters I can find.
>=20
> Cheers,
>=20
> Mike NX7E
>=20
>=20

Date: Thu, 7 Aug 2003 18:46:14 -0400
From: "Joe Everhart" <n2cx@voicenet.com>
To: "njqrp" <njqrp@njqrp.org>
Cc: "qrpl" <qrpl@lehigh.edu>
Subject: [155712] Re: Sniffer kits almost gone - longish
Message-ID: <003101c35d35\$b60a8b20\$273947d1@n2cxtoy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Group,

Doug Hendricks, clever guy that he is, pointed out a use for the Sniffer that I had not really considered.

Considering the junk that shows up on power lines these days both intentional and otherwise, it would be most interesting to check around them for stray RF. To do this you run an RF detector along a power line and note where the signal comes from by finding where it is strongest.

You can, of course use the old AM radio technique but this has a couple of limitations. First, naturally is the fact that it only works on the AM broadcast and the interference we usually worry about is on ham bands.

Secondly, the broadcast radio may be **too** sensitive to use when it is very close to the noise source.

And finally, it has no meter. you have to use your Mark I ears to detect signals and determine their strength.

The Sniffer, on the other hand tunes the HF bands and can be used to home in on an intruder in our bands.

It is less sensitive so it works best up close and personal with the signal source.

And finally, it **does** have an analog meter which allows you to tell unambiguously when you get close to the signal source.

And for the very clever, a ferrite bar antenna can be used instead of the toroids in the input tuner. The ferrite bar responds to the magnetic component of radiated waves so in some circumstances it is much easier to locate or isolate a nearby RF source. And it has a figure 8 pattern of reception to aid in hunting down a source.

All this is a long-winded way of trying to show why you might want to snap up one of the few remaining Sniffer kits before they disappear forever!

To order see: <http://www.njqrp.org/sniffer/index.html>
and remember we do take Paypal!

72/73,

Joe E., N2CX
for NJQRP and AmQRP

End of QRP-L Digest 3005
